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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC  
NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced  
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
NEWS 10 MAR 22 PATDPASPC - New patent database available  
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new fields  
NEWS 13 APR 04 EMBASE - Database reloaded and enhanced  
NEWS 14 APR 18 New CAS Information Use Policies available online  
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.  
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus  
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images  
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from CHEMCATS  
NEWS 19 JUN 06 The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available  
NEWS 20 JUN 13 RUSSIAPAT: New full-text patent database on STN  
NEWS 21 JUN 13 FRFULL enhanced with patent drawing images  
NEWS 22 JUN 27 MARPAT displays enhanced with expanded G-group definitions and text labels  
NEWS 23 JUL 01 MEDICONF removed from STN  
NEWS 24 JUL 07 STN Patent Forums to be held in July 2005  
NEWS 25 JUL 13 SCISEARCH reloaded  
NEWS 26 JUL 20 Powerful new interactive analysis and visualization software, STN AnaVist, now available  
NEWS 27 AUG 11 Derwent World Patents Index(R) web-based training during August  
NEWS 28 AUG 11 STN AnaVist workshops to be held in North America  
  
NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability

10/520,768

NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:59:37 ON 23 AUG 2005

FILE 'REGISTRY' ENTERED AT 15:59:47 ON 23 AUG 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2  
DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

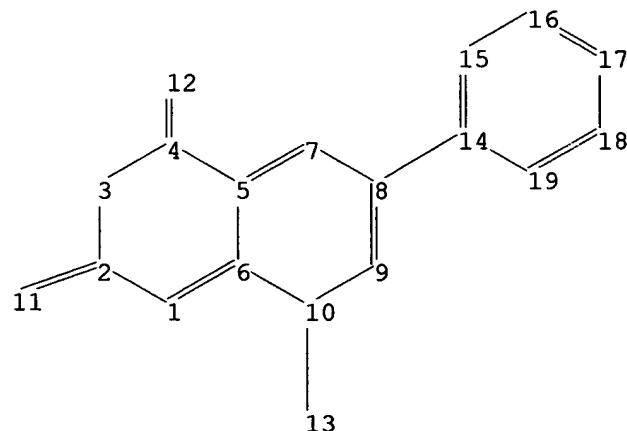
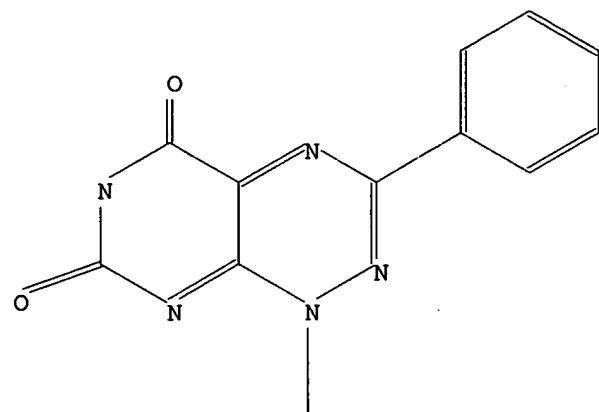
Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from  
\* the IDE default display format and the ED field has been added,  
\* effective March 20, 2005. A new display format, IDERL, is now  
\* available and contains the CA role and document type information.  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading C:\Documents and Settings\VBalasubramania\My Documents\STNEXP4\QUERIES\10520768.str



chain nodes :

11 12 13

ring nodes :

1 2 3 4 5 6 7 8 9 10 14 15 16 17 18 19

chain bonds :

2-11 4-12 8-14 10-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-15 14-19 15-16 16-17  
17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 2-11 3-4 4-5 4-12 5-6 5-7 6-10 7-8 8-9 9-10 10-13

exact bonds :

8-14

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

Match level :

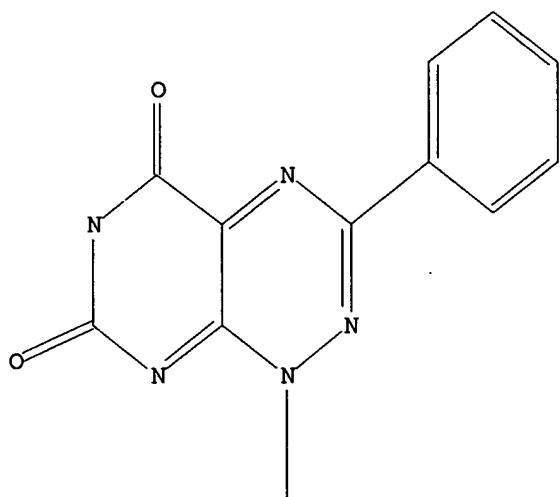
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

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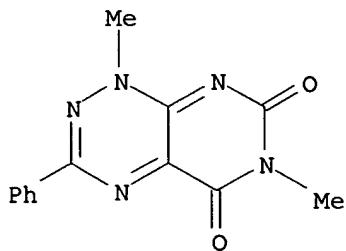
100.0% PROCESSED 18 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 106 TO 614
PROJECTED ANSWERS: 6 TO 266

L2 6 SEA SSS SAM L1

=> d scan

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI)
MF C13 H11 N5 O2
CI COM
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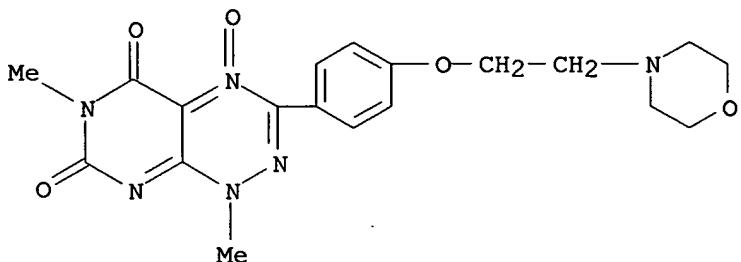


10/520, 768

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

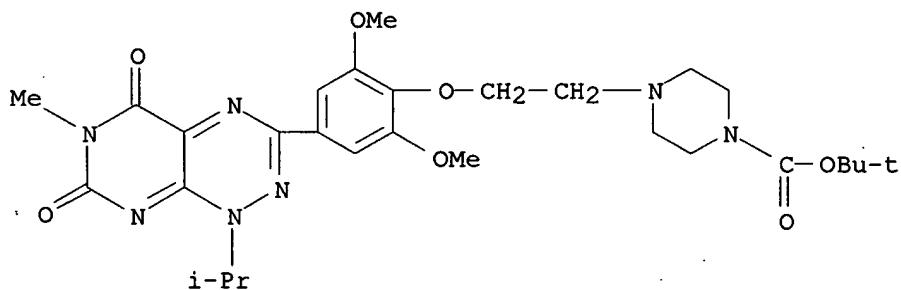
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI)  
MF C19 H22 N6 O5



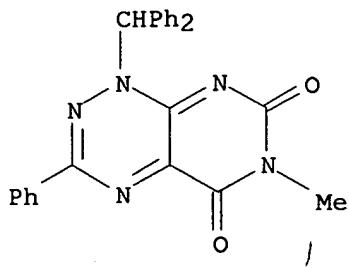
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IN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)  
MF C28 H39 N7 O7



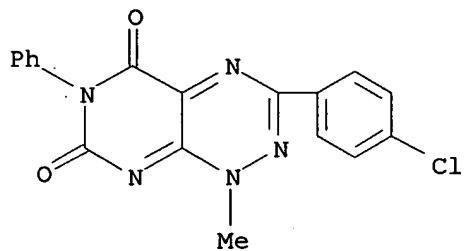
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI)  
MF C25 H19 N5 O2



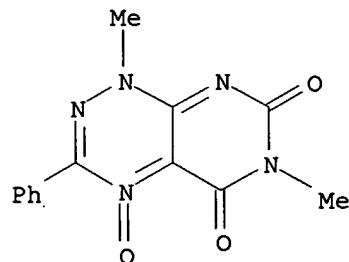
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L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI)  
MF C18 H12 Cl N5 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI)  
MF C13 H11 N5 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> s 11 sss ful  
 FULL SEARCH INITIATED 16:00:32 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 336 TO ITERATE

100.0% PROCESSED 336 ITERATIONS 119 ANSWERS  
 SEARCH TIME: 00.00.01

L3 119 SEA SSS FUL L1

=> file caplus  
 COST IN U.S. DOLLARS SINCE FILE TOTAL  
 FULL ESTIMATED COST ENTRY SESSION  
 161.33 161.54

FILE 'CAPLUS' ENTERED AT 16:00:38 ON 23 AUG 2005  
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FILE COVERS 1907 - 23 Aug 2005 VOL 143 ISS 9  
 FILE LAST UPDATED: 22 Aug 2005 (20050822/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13  
 L4 22 L3

=> d 14 1-22 bib hitstr

L4 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:605439 CAPLUS  
 DN 141:157139  
 TI Preparation of pyrimido(5,4-e)(1,2,4)triazin-5,7-diones as phosphotyrosine phosphatase 1B inhibitors for the treatment of type II diabetes.  
 IN Petry, Stefan; Baringhaus, Karl-Heinz; Tennagels, Norbert; Mueller, Guenter  
 PA Aventis Pharma Deutschland GmbH, Germany  
 SO Ger. Offen., 20 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
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 PI DE 10301788 A1 20040729 DE 2003-10301788 20030120

WO 2004065387 A1 20040805 WO 2004-EP40 20040107  
 W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB,  
 BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR,  
 CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG,  
 ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU,  
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 KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN,  
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US 2004242583 A1 20041202 US 2004-760509 20040120

PRAI DE 2003-10301788 A 20030120  
 US 2003-478756P P 20030616

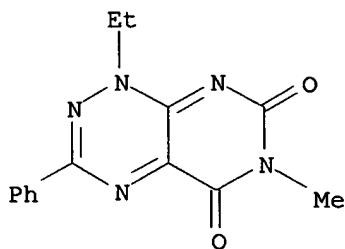
OS MARPAT 141:157139

IT 164520-05-2P 164520-07-4P 729598-89-4P  
 729598-91-8P 729598-92-9P 729598-93-0P  
 729598-94-1P 729598-96-3P 729598-97-4P  
 729598-98-5P 729598-99-6P 729599-00-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of pyrimidotriazinylidiones as phosphotyrosine phosphatase 1B inhibitors for the treatment of type II diabetes.)

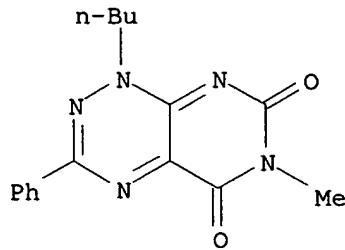
RN 164520-05-2 CAPLUS

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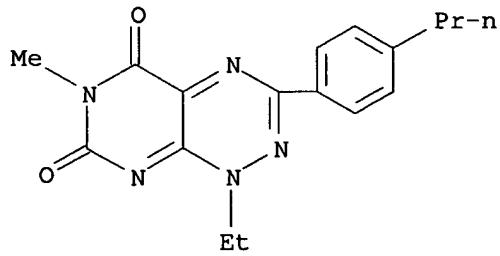
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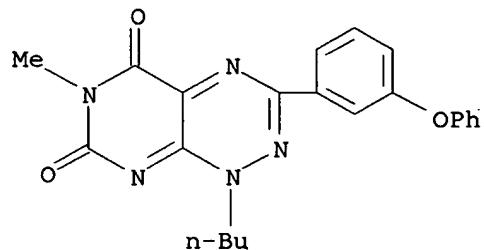
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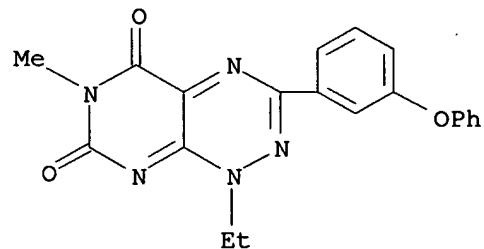
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



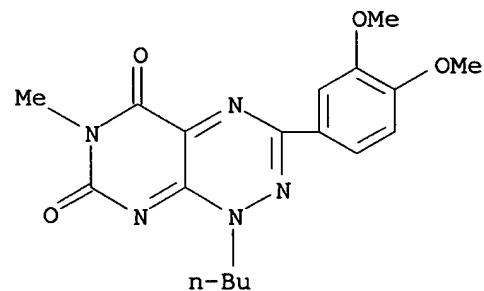
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



RN 729598-93-0 CAPLUS

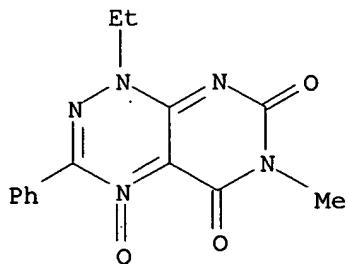
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



10/520,768

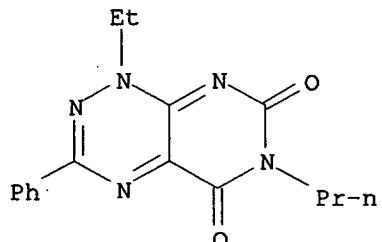
RN 729598-94-1 CAPLUS

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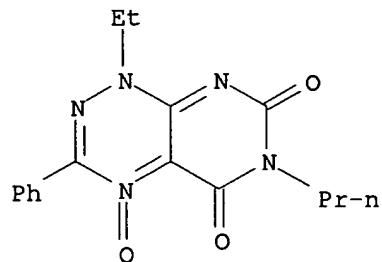
RN 729598-96-3 CAPLUS

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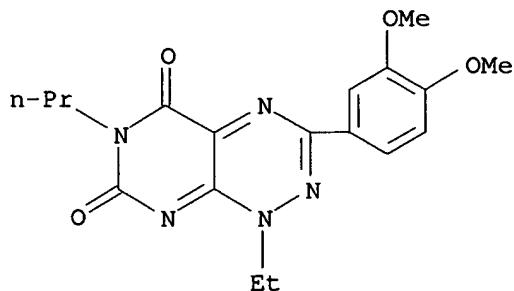
RN 729598-97-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-, 4-oxide (9CI) (CA INDEX NAME)



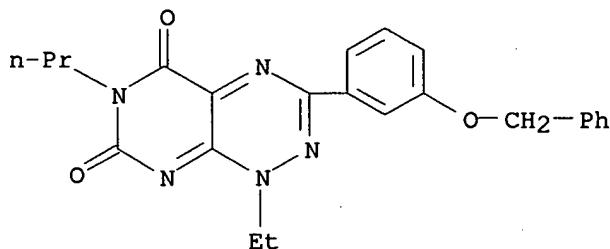
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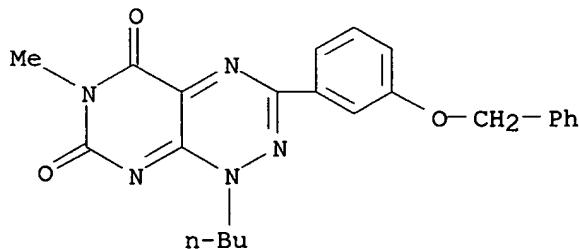
RN 729598-99-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-[3-(phenylmethoxy)phenyl]-6-propyl- (9CI) (CA INDEX NAME)



RN 729599-00-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:60511 CAPLUS

DN 140:111194

TI Preparation of 3-phenyl analogs of toxoflavine as kinase inhibitors

IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung; Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus Johannes; Bakker, Annette Cornelie

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 71 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

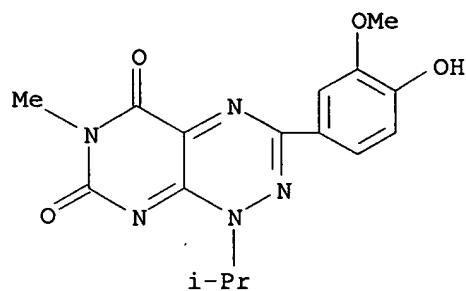
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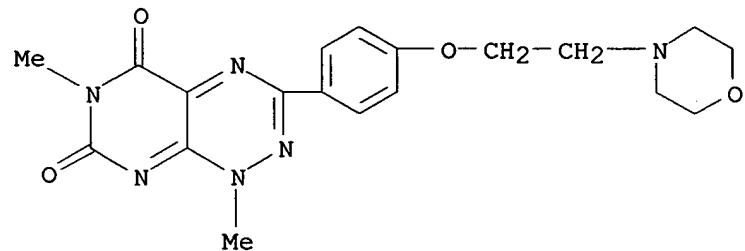
APPLICATION NO.

DATE

PI WO 2004007498 A2 20040122 WO 2003-EP50292 20030708  
 WO 2004007498 A3 20040708  
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 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,  
 TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
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 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
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 WO 2003-EP50292 W 20030708  
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 IT 646070-48-6P 646070-50-0P 646070-52-2P  
 646070-56-6P 646070-57-7P 646070-58-8P  
 646070-59-9P 646070-60-2P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)  
 RN 646070-48-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3-methoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



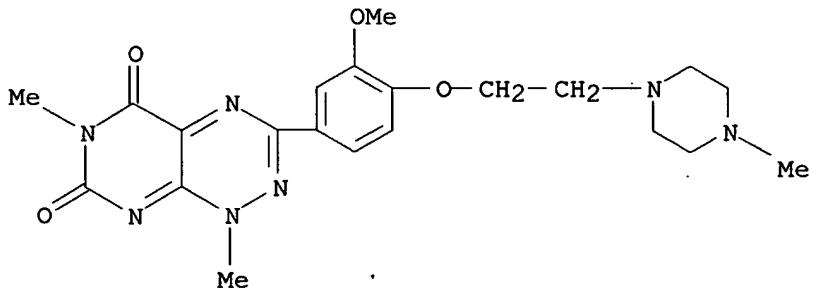
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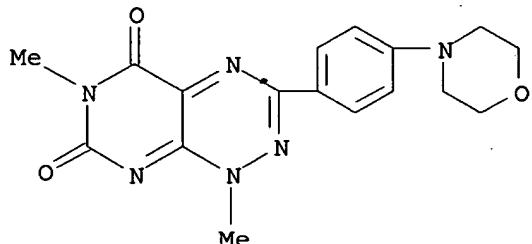
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



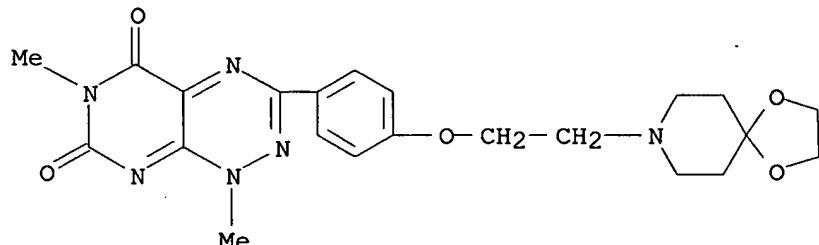
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



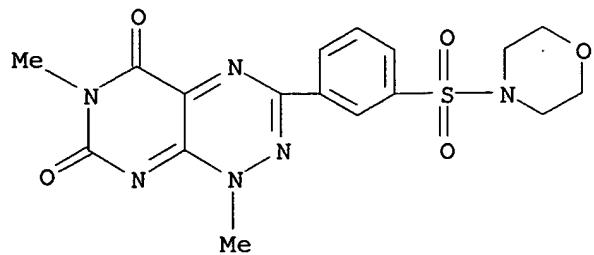
RN 646070-57-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxa-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



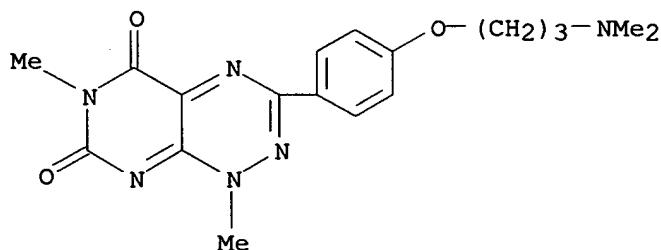
RN 646070-58-8 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



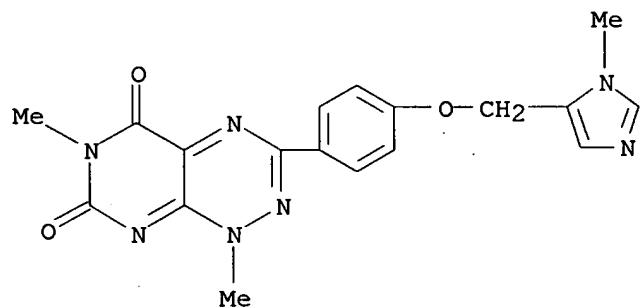
RN 646070-59-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 646070-60-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



IT 164520-16-5P 296266-45-0P 646070-47-5P  
 646070-49-7P 646070-51-1P 646070-53-3P  
 646070-54-4P 646070-61-3P 646070-62-4P  
 646070-63-5P 646070-65-7P 646070-69-1P  
 646070-70-4P 646070-71-5P 646070-72-6P  
 646070-74-8P 646070-75-9P 646070-76-0P  
 646070-77-1P 646070-78-2P 646070-79-3P  
 646070-80-6P 646070-81-7P 646070-82-8P  
 646070-83-9P 646070-84-0P 646070-85-1P  
 646070-86-2P 646070-87-3P 646070-88-4P  
 646070-89-5P 646070-90-8P 646070-91-9P  
 646070-92-0P 646070-93-1P 646070-94-2P  
 646070-95-3P 646070-96-4P 646070-97-5P  
 646070-98-6P 646070-99-7P 646071-00-3P  
 646071-01-4P 646071-02-5P 646071-03-6P

646071-04-7P 646071-05-8P 646071-06-9P

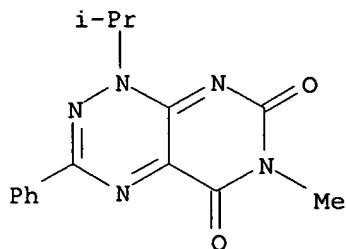
646071-07-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

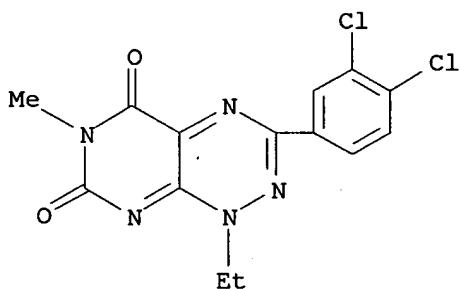
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



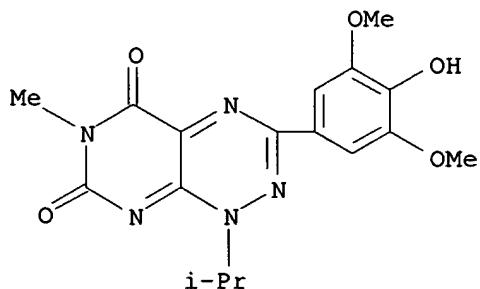
RN 296266-45-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



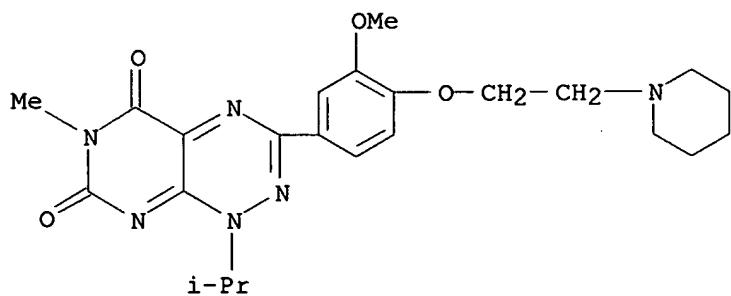
RN 646070-47-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



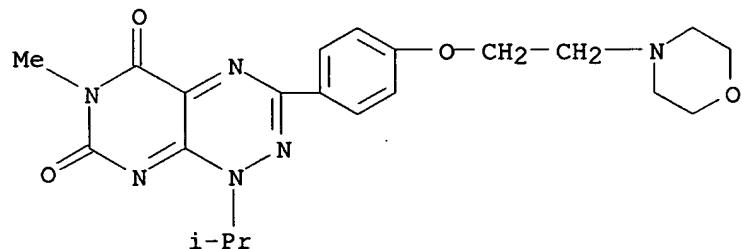
RN 646070-49-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



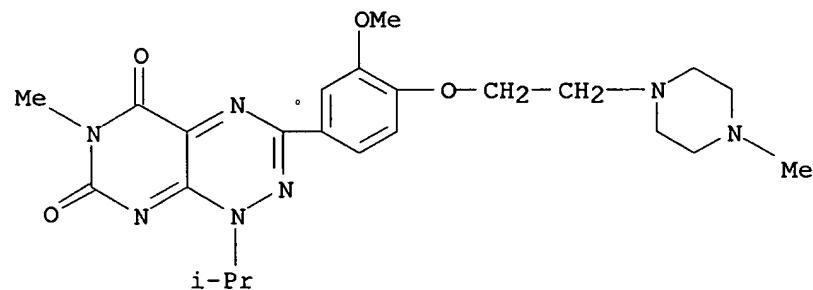
RN 646070-51-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



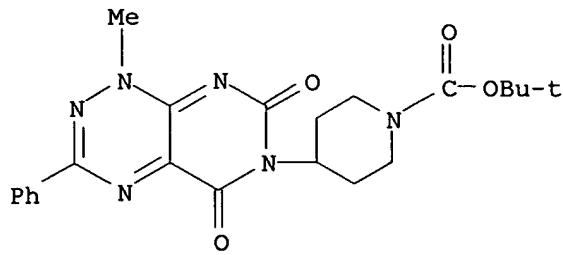
RN 646070-53-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



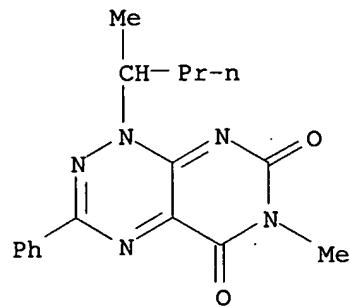
RN 646070-54-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(1,7-dihydro-1-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



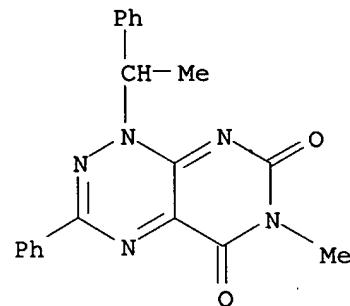
RN 646070-61-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylbutyl)-3-phenyl- (9CI) (CA INDEX NAME)



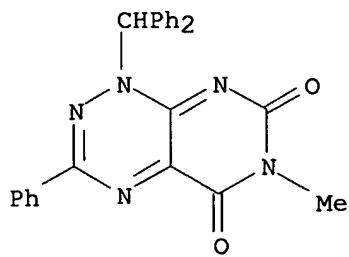
RN 646070-62-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)



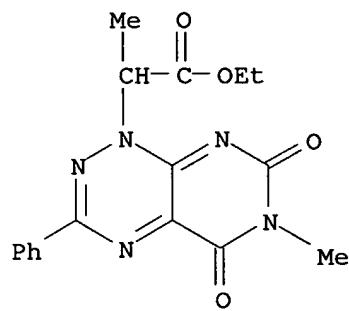
RN 646070-63-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



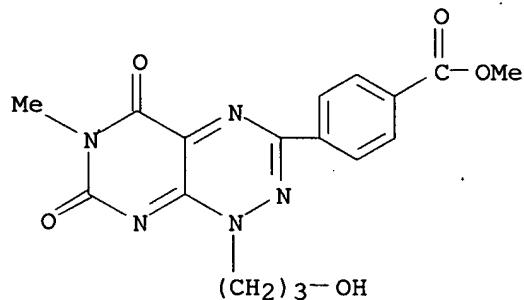
RN 646070-65-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-1(5H)-acetic acid, 6,7-dihydro-α,6-dimethyl-5,7-dioxo-3-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



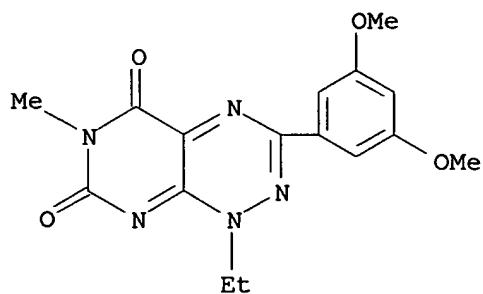
RN 646070-69-1 CAPLUS

CN Benzoic acid, 4-[1,5,6,7-tetrahydro-1-(3-hydroxypropyl)-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



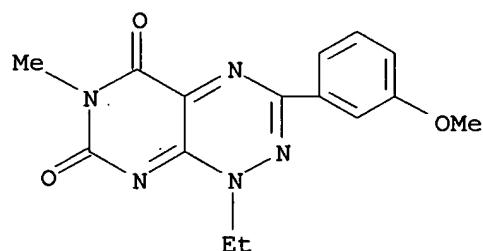
RN 646070-70-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,5-dimethoxyphényl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



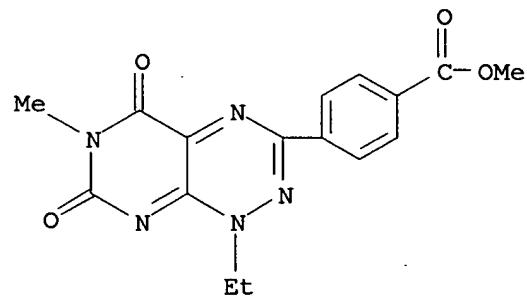
RN 646070-71-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



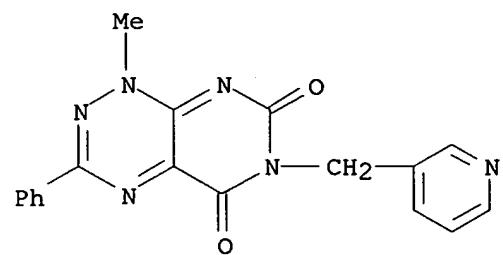
RN 646070-72-6 CAPLUS

CN Benzoic acid, 4-(1-ethyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-, methyl ester (9CI) (CA INDEX NAME)



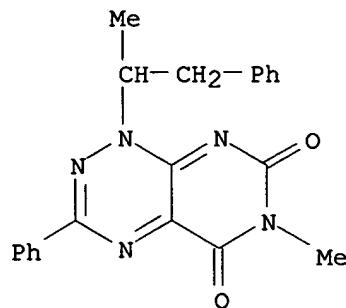
RN 646070-74-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



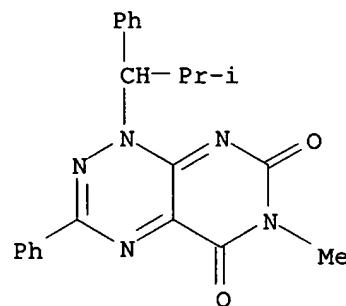
RN 646070-75-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methyl-2-phenylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



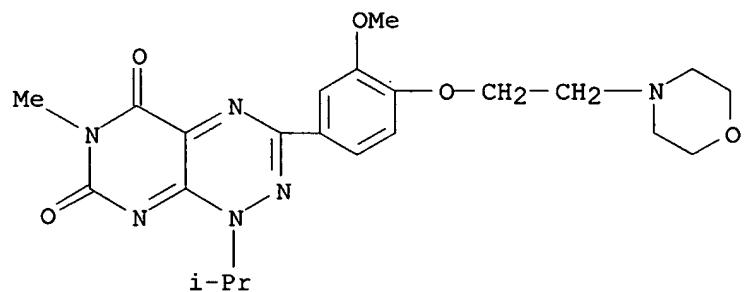
RN 646070-76-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2-methyl-1-phenylpropyl)-3-phenyl- (9CI) (CA INDEX NAME)



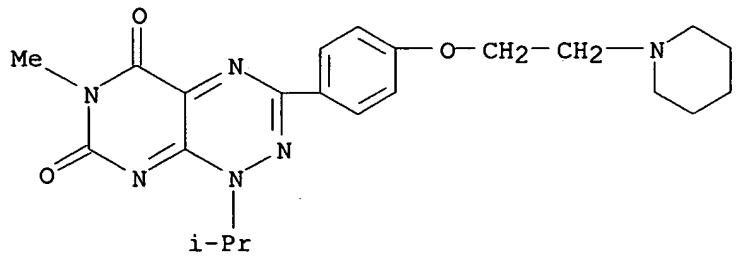
RN 646070-77-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



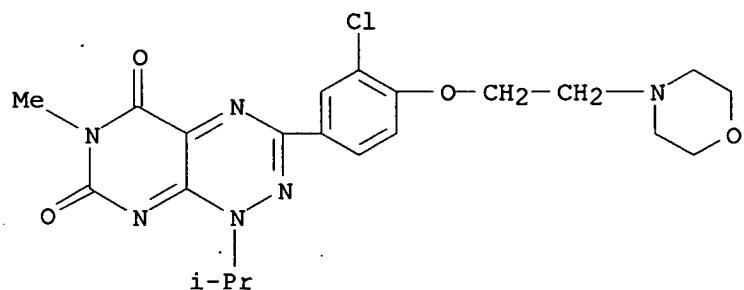
RN 646070-78-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



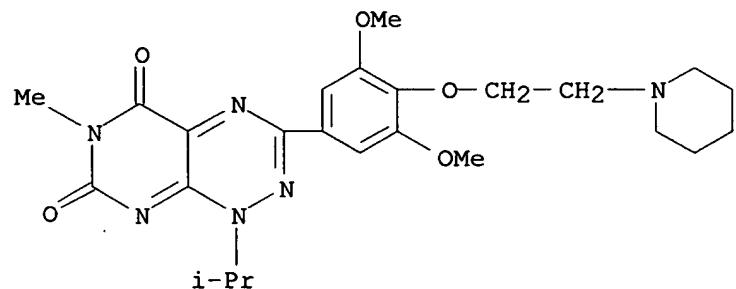
RN 646070-79-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



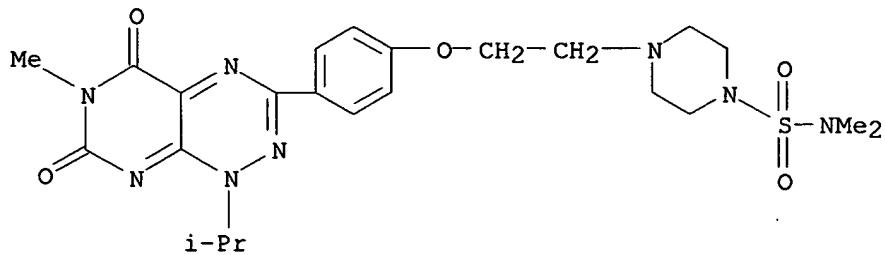
RN 646070-80-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



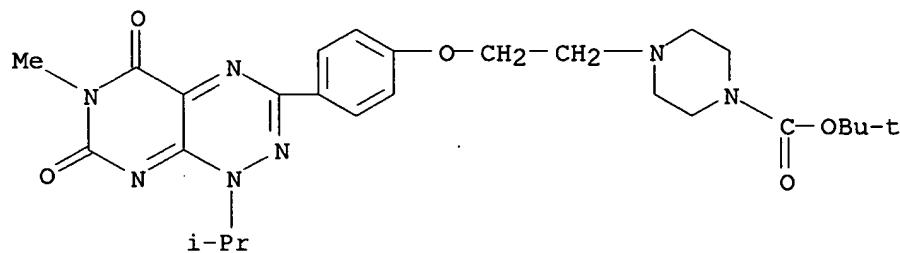
RN 646070-81-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



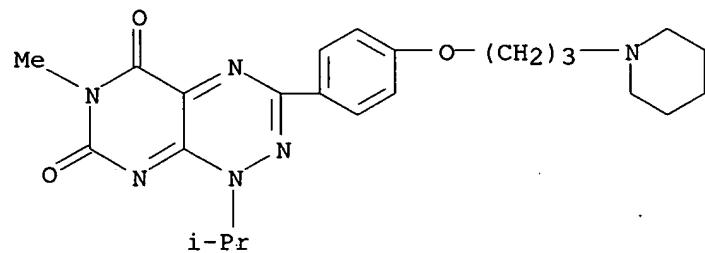
RN 646070-82-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



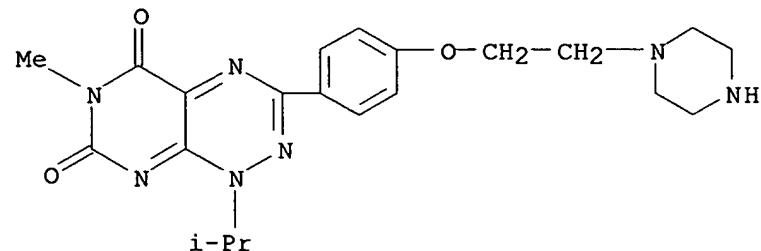
RN 646070-83-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(3-piperidinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



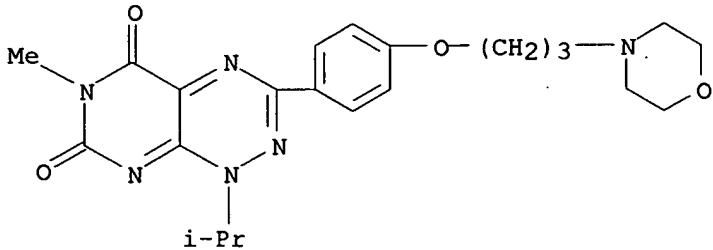
RN 646070-84-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(2-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



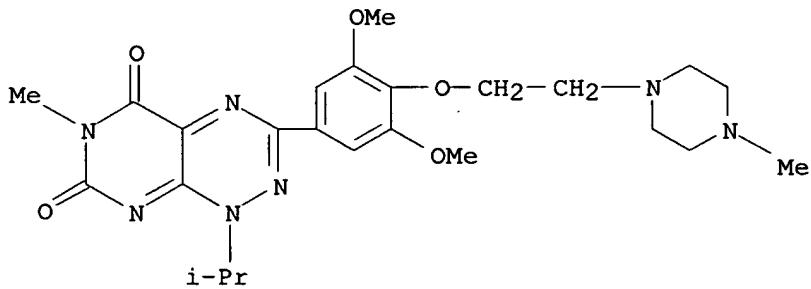
RN 646070-85-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(4-morpholinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



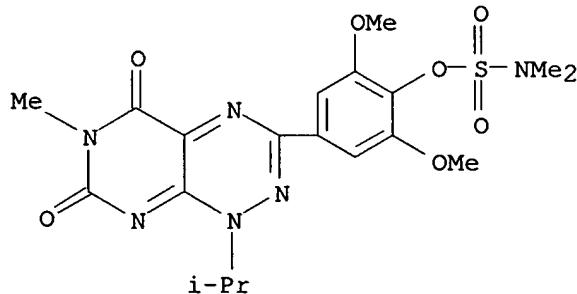
RN 646070-86-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



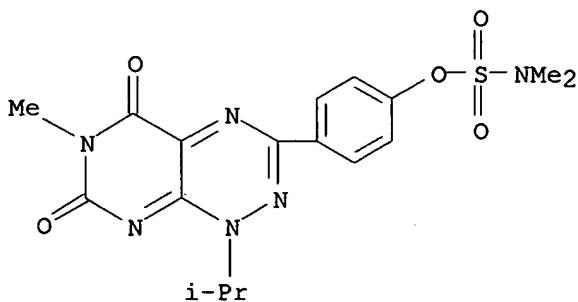
RN 646070-87-3 CAPLUS

CN Sulfamic acid, dimethyl-, 2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



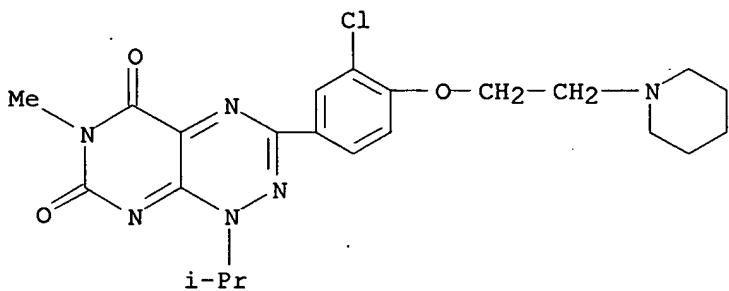
RN 646070-88-4 CAPLUS

CN Sulfamic acid, dimethyl-, 4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



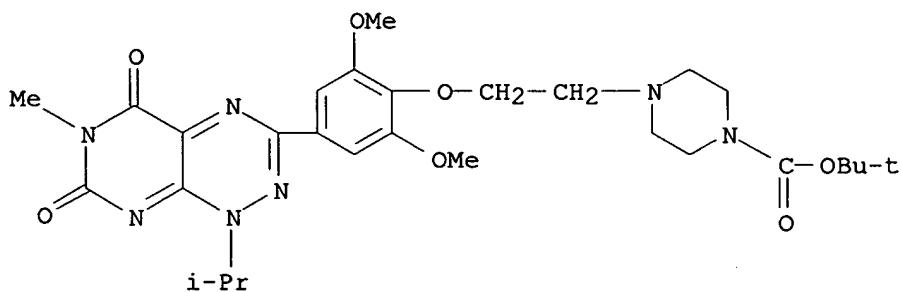
RN 646070-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



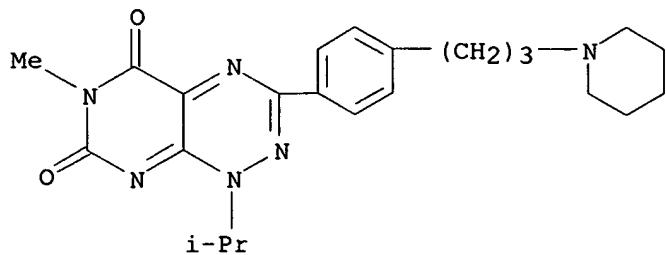
RN 646070-90-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



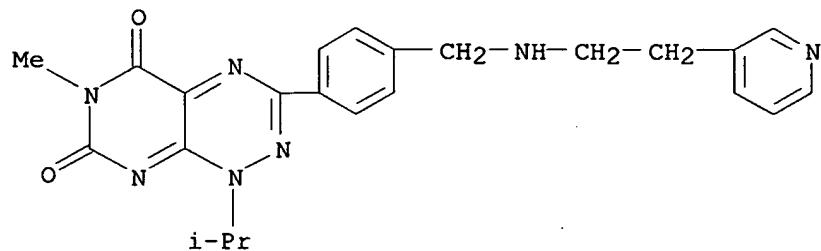
RN 646070-91-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



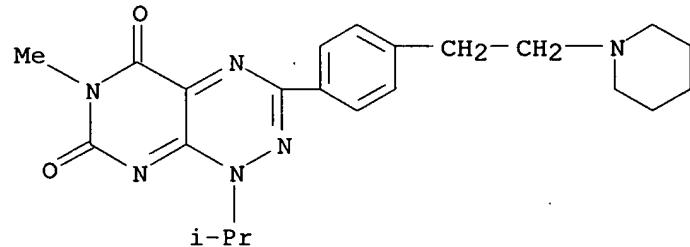
RN 646070-92-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[[2-(3-pyridinyl)ethyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



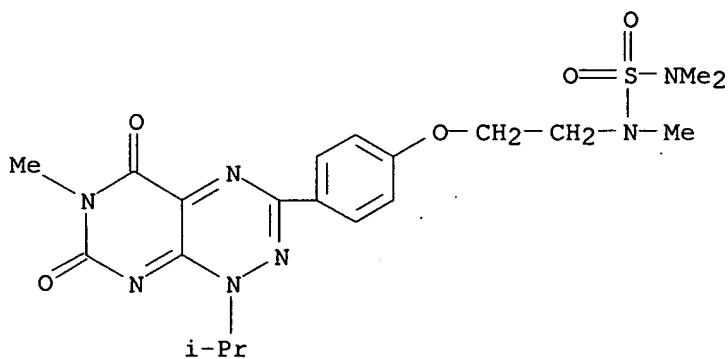
RN 646070-93-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



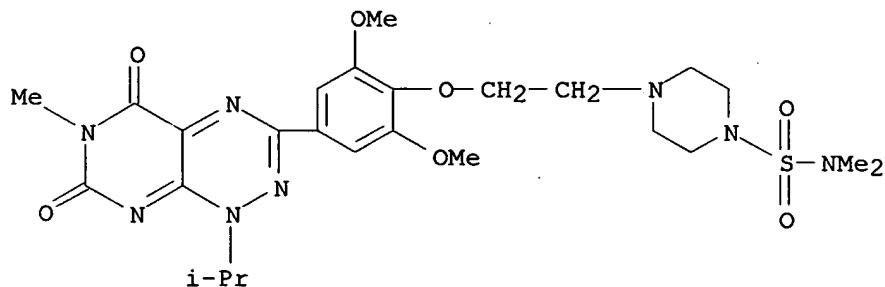
RN 646070-94-2 CAPLUS

CN Sulfamide, N,N,N'-trimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



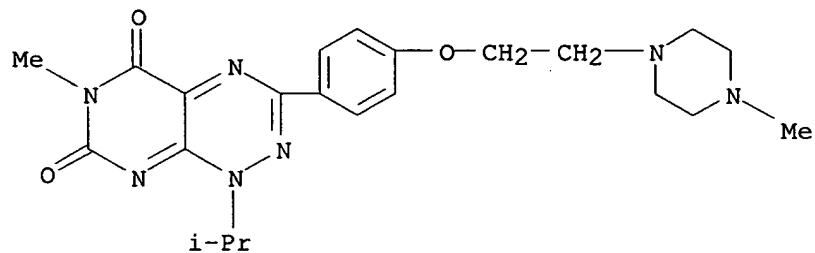
RN 646070-95-3 CAPLUS

CN 1-Piperazinesulfonamide, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



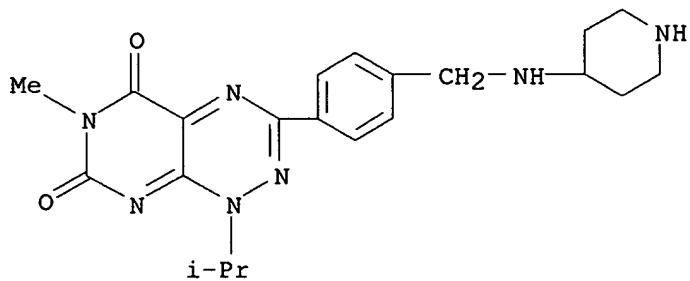
RN 646070-96-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



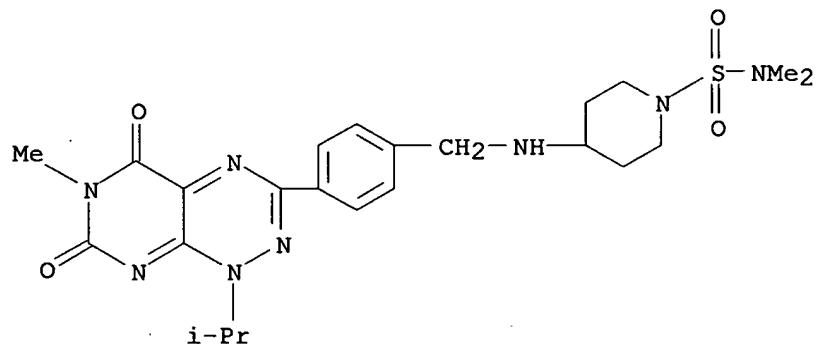
RN 646070-97-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(4-piperidinylamino)methyl]phenyl]- (9CI) (CA INDEX NAME)



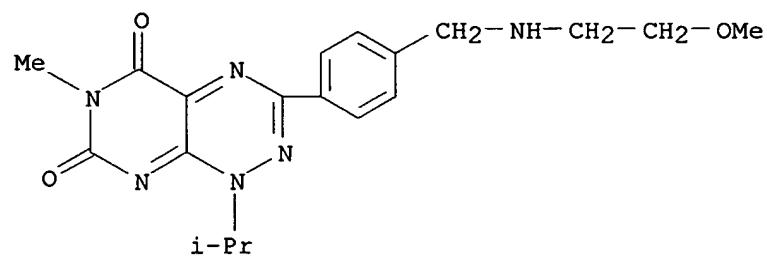
RN 646070-98-6 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



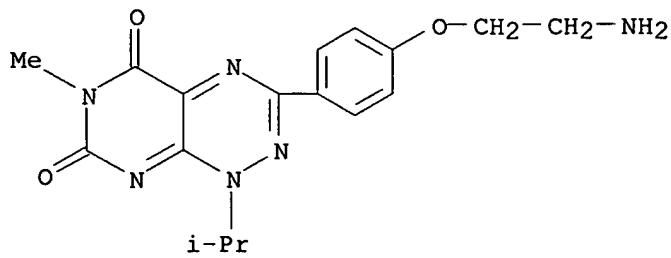
RN 646070-99-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[(2-methoxyethyl)amino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



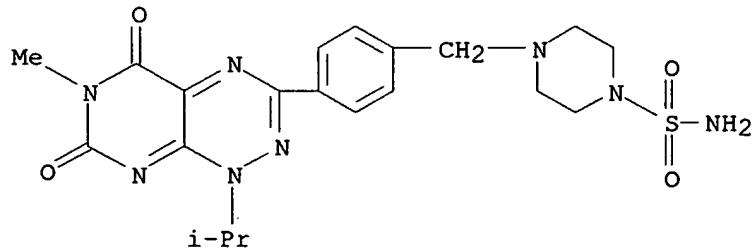
RN 646071-00-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(2-aminoethoxy)phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



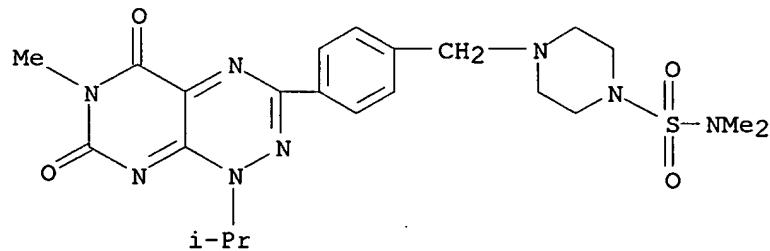
RN 646071-01-4 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



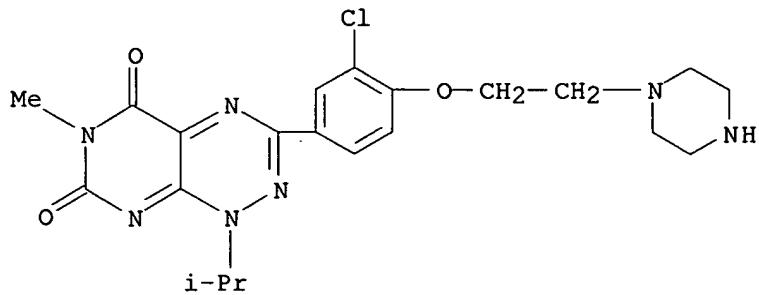
RN 646071-02-5 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



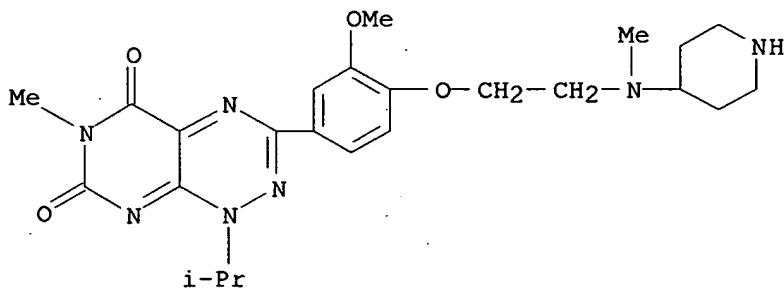
RN 646071-03-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



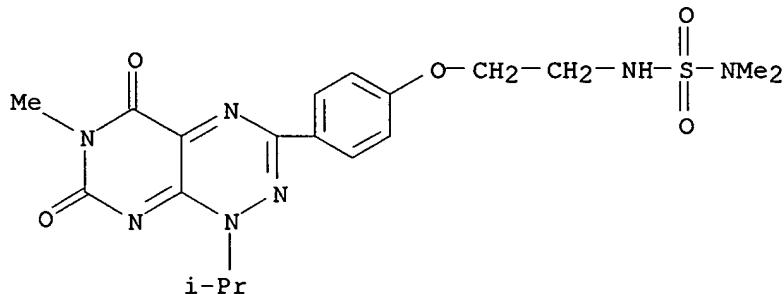
RN 646071-04-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(methyl-4-piperidinylamino)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



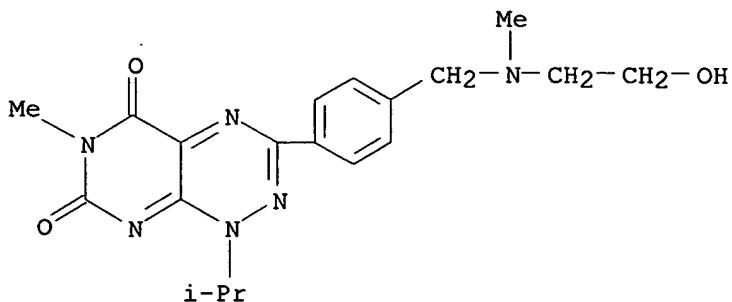
RN 646071-05-8 CAPLUS

CN Sulfamide, N,N-dimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



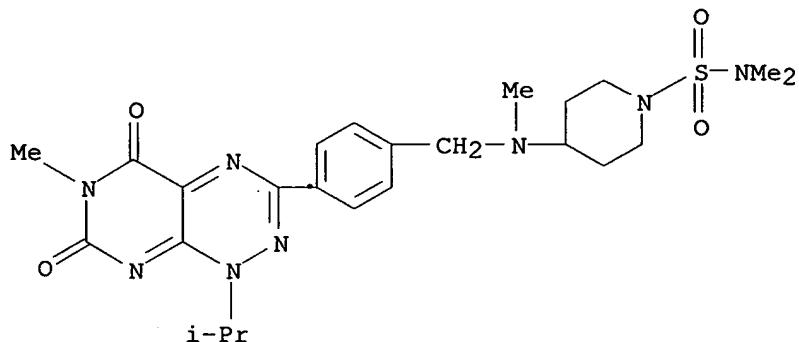
RN 646071-06-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[(2-hydroxyethyl)methylamino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 646071-07-0 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[methyl[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



IT 646071-73-0P 646071-77-4P 646071-81-0P

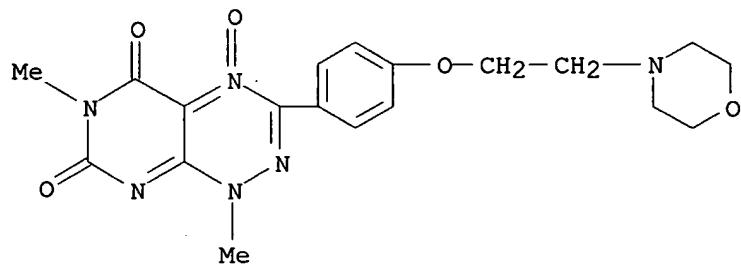
646071-87-6P 646071-91-2P 646071-95-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

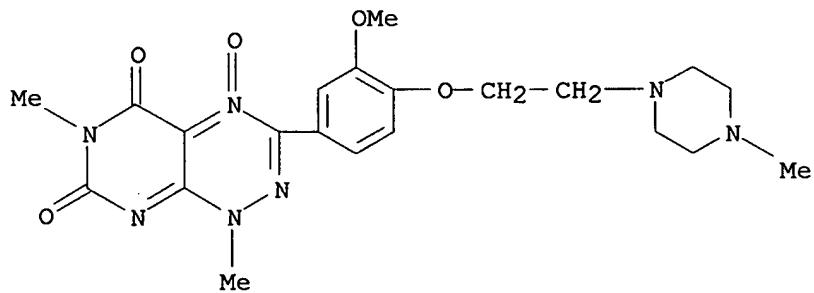
RN 646071-73-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



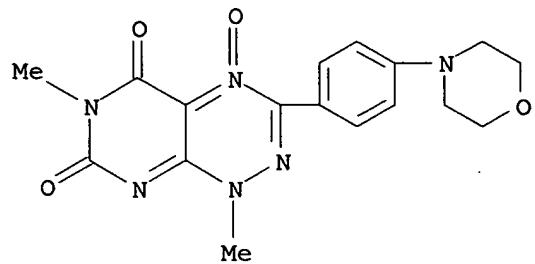
RN 646071-77-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



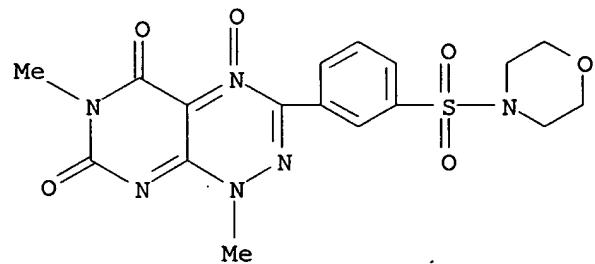
RN 646071-81-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



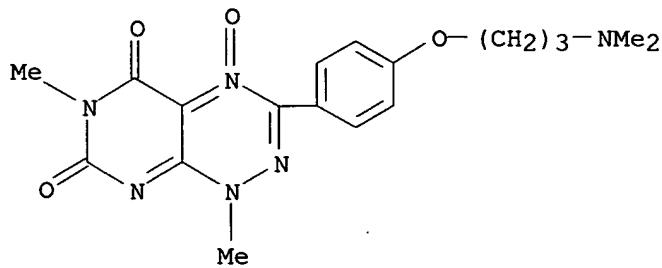
RN 646071-87-6 CAPLUS

CN Morpholine, 4-[(3-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl)sulfonyl]- (9CI) (CA INDEX NAME)



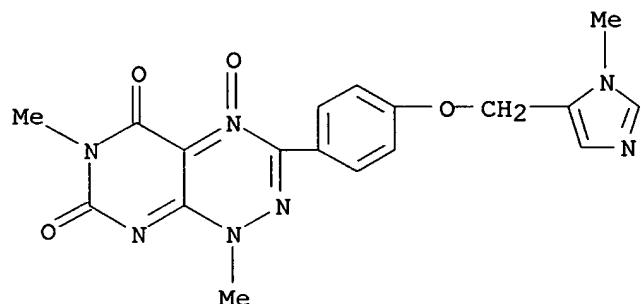
RN 646071-91-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 646071-95-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:166470 CAPLUS

DN 134:311011

TI General syntheses of 1-alkyltoxoflavin and 8-alkylfervenulin derivatives of biological significance by the regioselective alkylation of reumycin derivatives and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles

AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi

CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan

SO Journal of the Chemical Society, Perkin Transactions 1 (2001), (2), 130-137

CODEN: JCSPCE; ISSN: 1472-7781

PB Royal Society of Chemistry

DT Journal

LA English

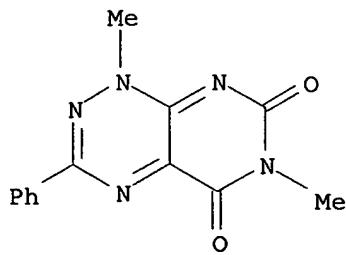
OS CASREACT 134:311011

IT 32502-63-9P

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)

RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)

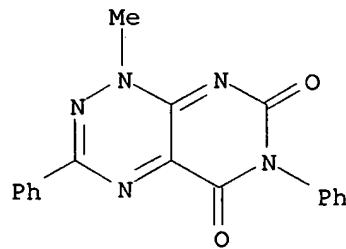


IT 148613-62-1P 164520-05-2P 164520-06-3P  
 164520-07-4P 164520-08-5P 164520-09-6P  
 164520-10-9P 164520-16-5P 164520-18-7P  
 164520-19-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)

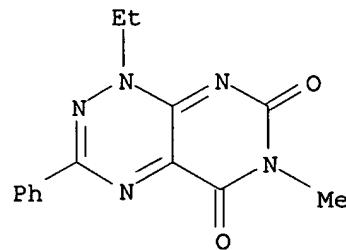
RN 148613-62-1 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



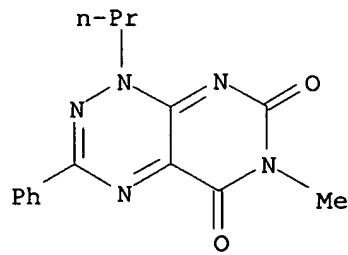
RN 164520-05-2 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



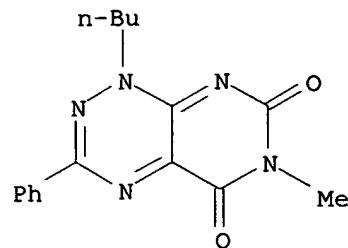
RN 164520-06-3 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



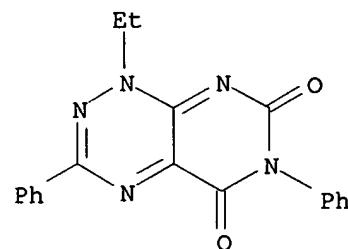
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



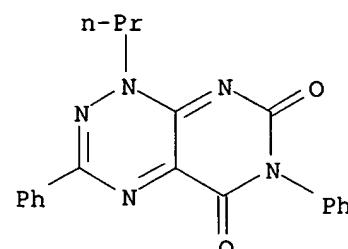
RN 164520-08-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-09-6 CAPLUS

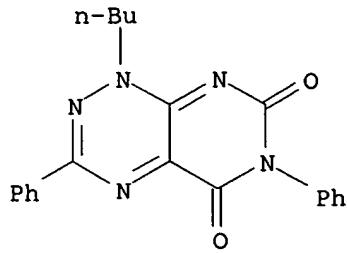
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
(9CI) (CA INDEX NAME)



RN 164520-10-9 CAPLUS

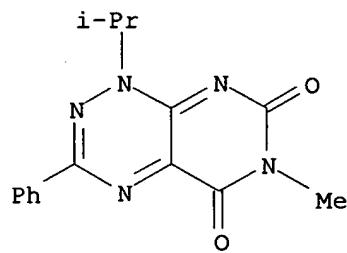
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



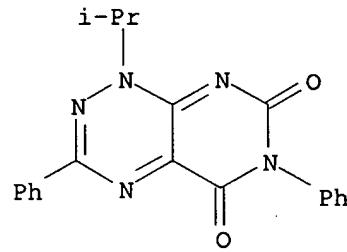
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



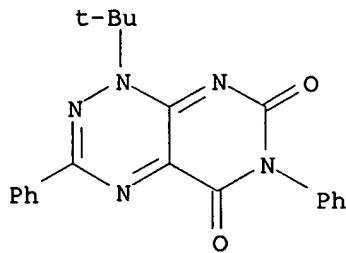
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 22 CAPIUS COPYRIGHT 2005 ACS on STN

AN 1997:648541 CAPIUS

DN 127:336635

TI Anticancer agents containing 7-azapteridines

IN Nagamatsu, Tomofumi; Yamagishi, Takehiro; Yoneda, Fumio

PA Taisho Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

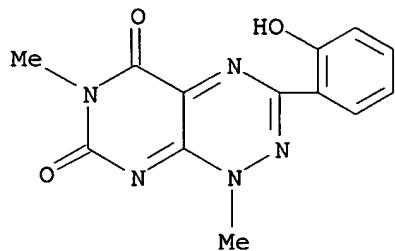
CODEN: JKXXAF

DT Patent

LA Japanese

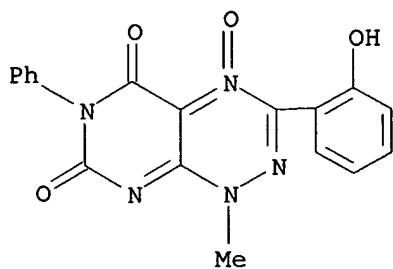
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255681	A2	19970930	JP 1996-67814	19960325
PRAI	JP 1996-67814		19960325		
OS	MARPAT 127:336635				
IT	198007-87-3P 198007-89-5P				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (anticancer agents containing 7-azapteridines)				
RN	198007-87-3	CAPIUS			
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)				



RN 198007-89-5 CAPIUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



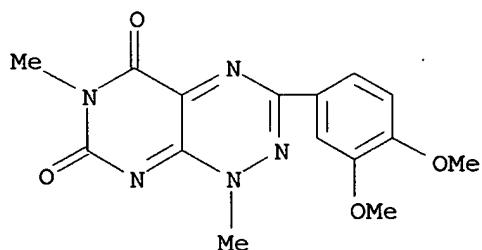
IT 32502-16-2 32502-63-9 52199-05-0  
 52348-60-4 57024-55-2 57562-64-8  
 60026-35-9 148613-63-2 148613-65-4  
 148613-66-5 148613-67-6 148613-68-7  
 148613-71-2 148613-73-4 164520-06-3  
 164520-07-4

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(anticancer agents containing 7-azapteridines)

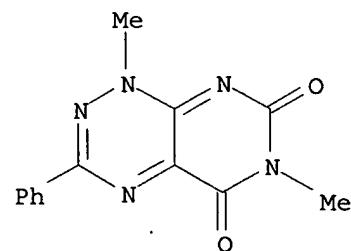
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



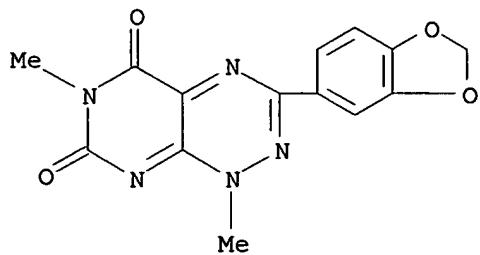
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



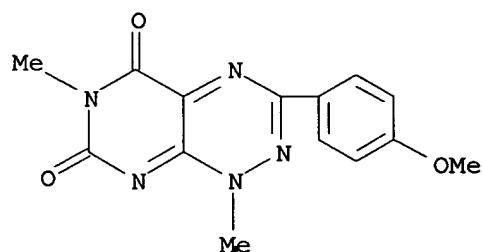
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



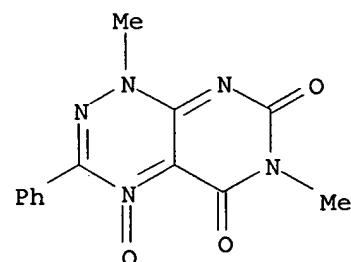
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



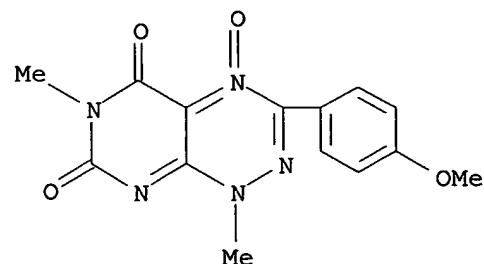
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



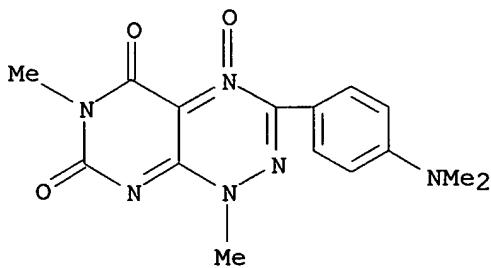
RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



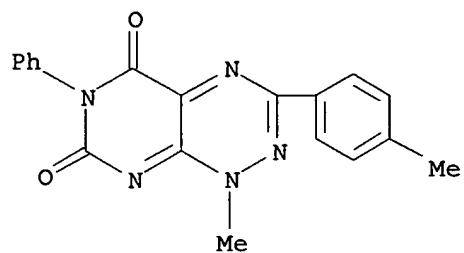
RN 60026-35-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



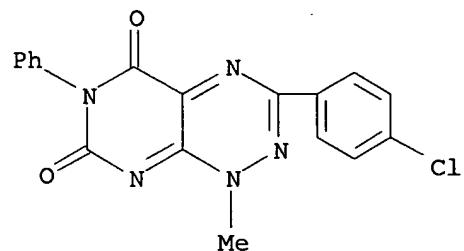
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



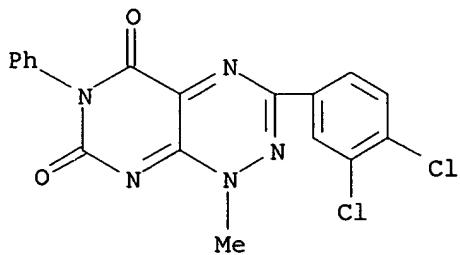
RN 148613-65-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



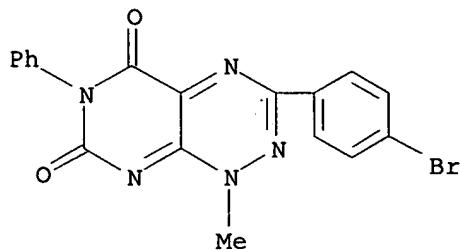
RN 148613-66-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



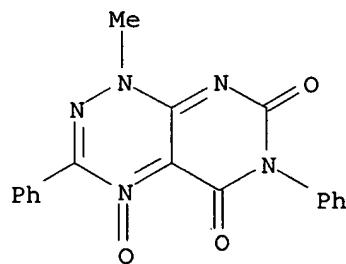
RN 148613-67-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



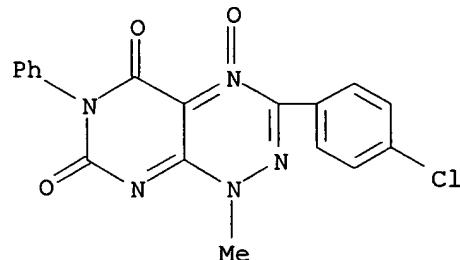
RN 148613-68-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



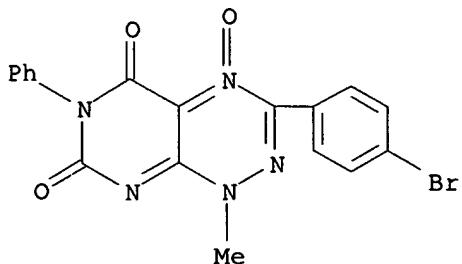
RN 148613-71-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



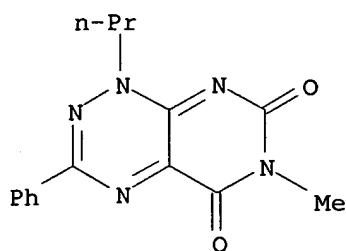
RN 148613-73-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



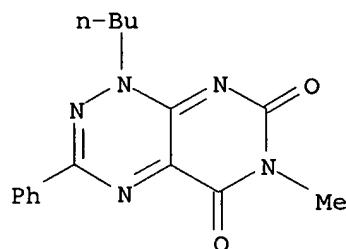
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:318648 CAPLUS

DN 127:17521

TI Facile and general syntheses of 1-alkyltoxoflavin and 8-alkylfervenulin derivatives of biological significance by the regiospecific alkylation of reumycin (1-demethyltoxoflavin, 8-demethylfervenulin) derivatives

AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi

CS Faculty Pharmaceutical Sciences, Okayama Univ., Tsushima, 700, Japan

SO Heterocycles (1997), 45(4), 643-650

CODEN: HTCYAM; ISSN: 0385-5414

PB Japan Institute of Heterocyclic Chemistry

DT Journal

LA English

OS CASREACT 127:17521

IT 32502-63-9P 164520-06-3P 164520-09-6P

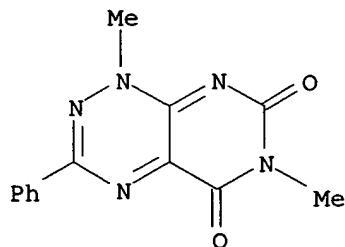
164520-16-5P 164520-19-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenulin derivs. via the regiospecific alkylation of reumycin derivs.)

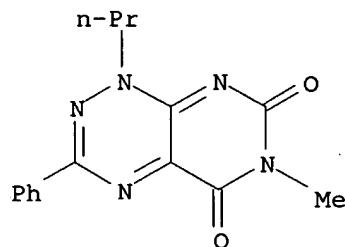
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



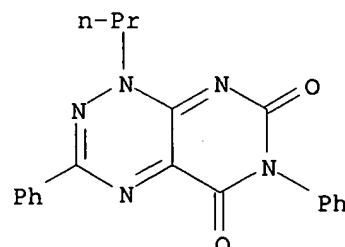
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)



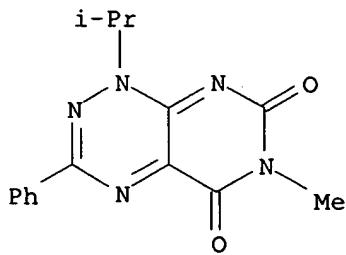
RN 164520-09-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl- (9CI) (CA INDEX NAME)



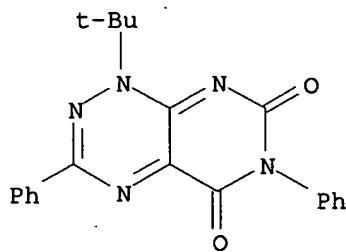
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



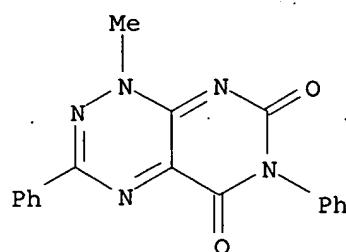
IT 148613-62-1P 164520-07-4P 164520-10-9P

164520-18-7P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (synthesis and antitumor activity of 1-alkyltoxoflavin and  
 8-alkylfervenulin derivs. via the regiospecific alkylation of reumycin  
 derivs.)

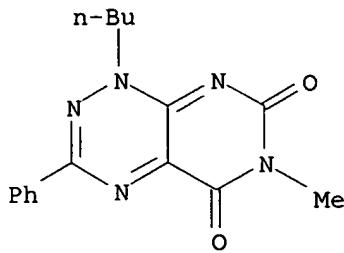
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)

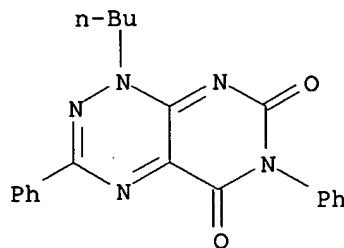


RN 164520-07-4 CAPLUS

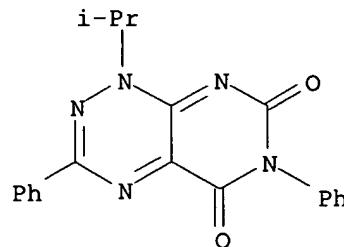
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-10-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)

RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl-  
(9CI) (CA INDEX NAME)RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1995:657612 CAPLUS

DN 123:55928

TI Preparation of 1- or 8-alkyl-7-azapteridine derivative by selective  
alkylation

IN Nagamatsu, Tomofumi

PA Taisho Pharma Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

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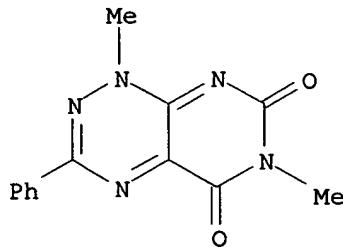
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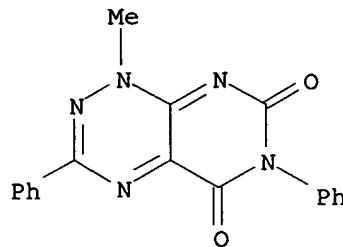
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10/520,768

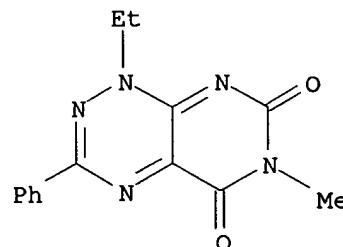
PI JP 07041479 A2 19950210 JP 1993-185760 19930728  
PRAI JP 1993-185760 19930728  
OS CASREACT 123:55928; MARPAT 123:55928  
IT 32502-63-9P 148613-62-1P 164520-05-2P  
164520-06-3P 164520-07-4P 164520-08-5P  
164520-09-6P 164520-10-9P 164520-16-5P  
164520-18-7P 164520-19-8P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of alkylazapteridine derivative by regioselective alkylation of  
azapteridine derivative with (cyclo)alkyl halide or sulfate)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



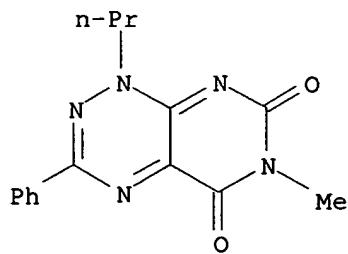
RN 148613-62-1 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-05-2 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)

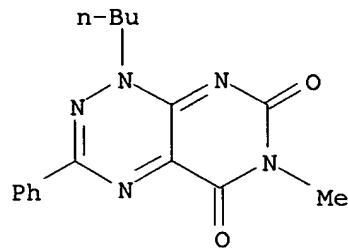


RN 164520-06-3 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-  
propyl- (9CI) (CA INDEX NAME)



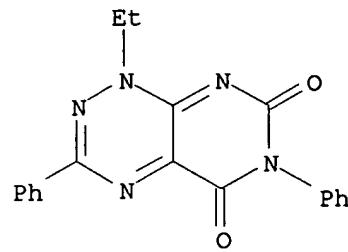
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-  
(9CI) (CA INDEX NAME)



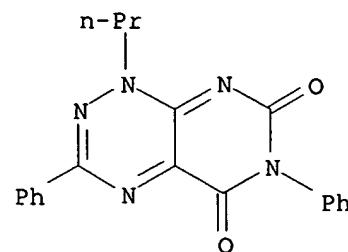
RN 164520-08-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-  
(9CI) (CA INDEX NAME)



RN 164520-09-6 CAPLUS

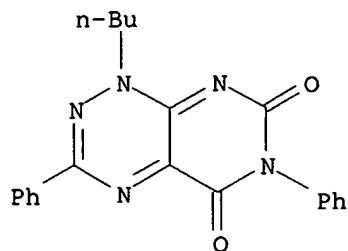
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-  
(9CI) (CA INDEX NAME)



10/520,768

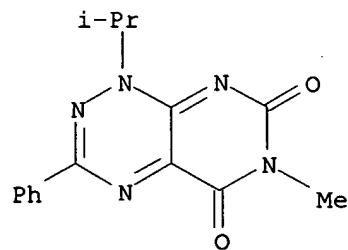
RN 164520-10-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



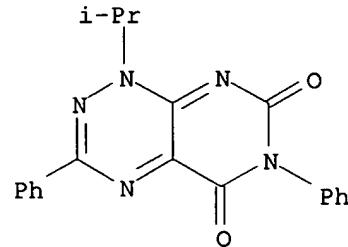
RN 164520-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



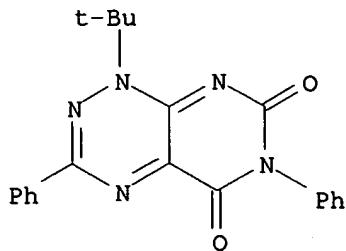
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)

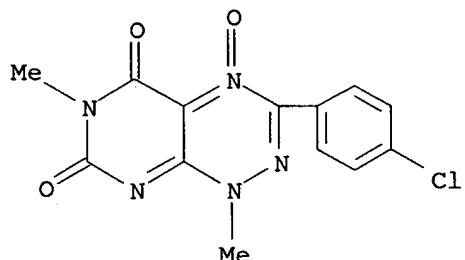


RN 164520-19-8 CAPLUS

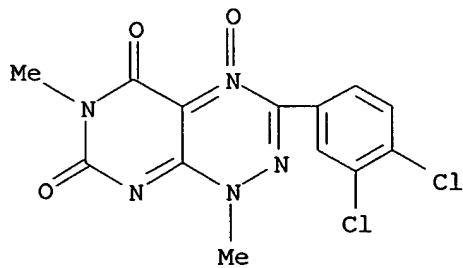
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1993:449351 CAPLUS  
 DN 119:49351  
 TI Syntheses of 3-substituted 1-methyl-6-phenylpyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-diones (6-phenyl analogs of toxoflavin) and their 4-oxides, and evaluation of antimicrobial activity of toxoflavins and their analogs  
 AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi; Hirota, Takashi; Yamato, Masatoshi; Kido, Yutaka; Shibata, Motoo; Yoneda, Fumio  
 CS Fac. Pharm. Sci., Okayama Univ., Okayama, 700, Japan  
 SO Chemical & Pharmaceutical Bulletin (1993), 41(2), 362-8  
 CODEN: CPBTAL; ISSN: 0009-2363  
 DT Journal  
 LA English  
 IT 32496-15-4 32496-16-5 32502-63-9  
 42285-61-0 42285-69-8 57024-55-2  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
 (bactericidal and fungicidal activity of)  
 RN 32496-15-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

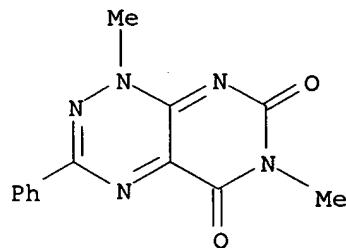


RN 32496-16-5 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



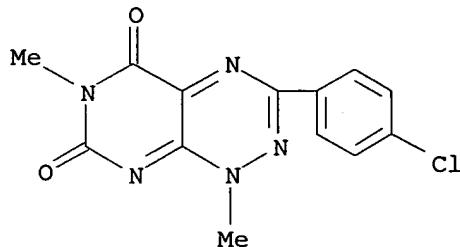
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



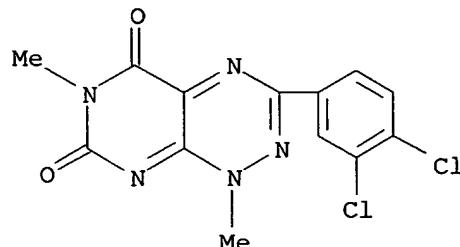
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



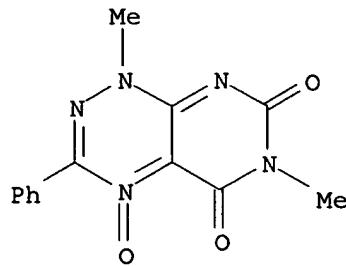
RN 42285-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



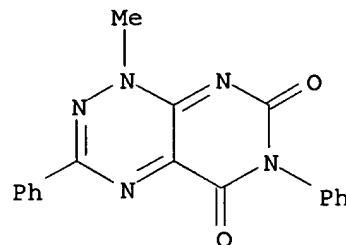
IT 148613-62-1P 148613-63-2P 148613-64-3P

148613-65-4P 148613-66-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation, bactericidal and fungicidal activity of, and oxidation of)

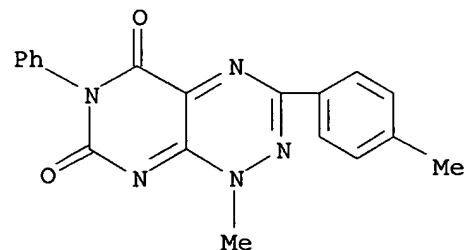
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



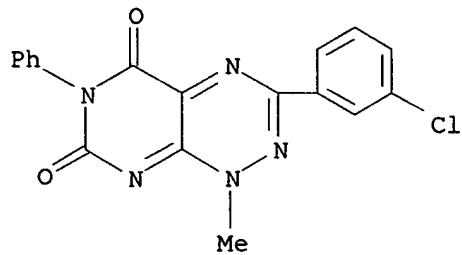
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



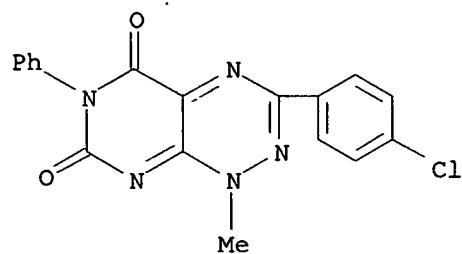
RN 148613-64-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



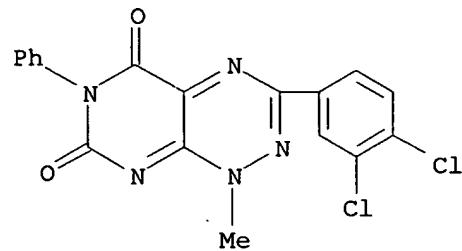
RN 148613-65-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-66-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



IT 148613-67-6P 148613-68-7P 148613-69-8P

148613-70-1P 148613-71-2P 148613-72-3P

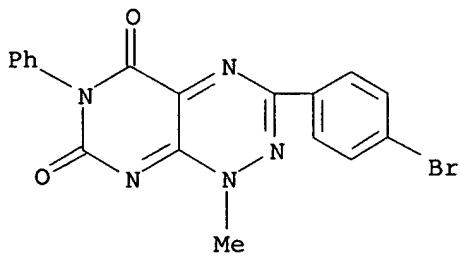
148613-73-4P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation, bactericidal and fungicidal activity, and reactions of)

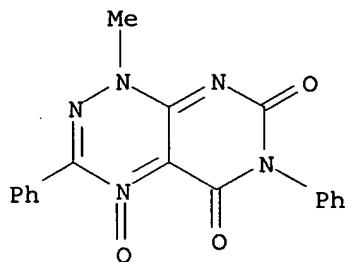
RN 148613-67-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



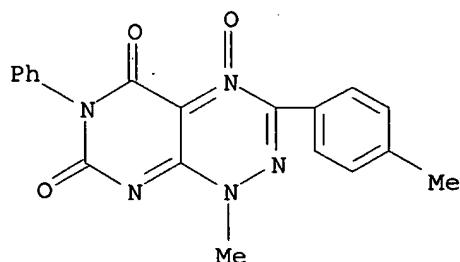
RN 148613-68-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



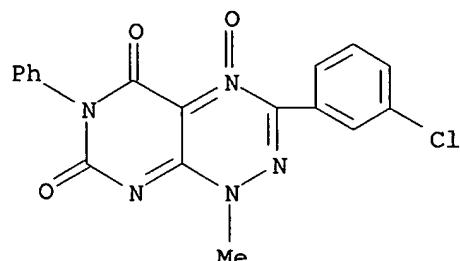
RN 148613-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-70-1 CAPLUS

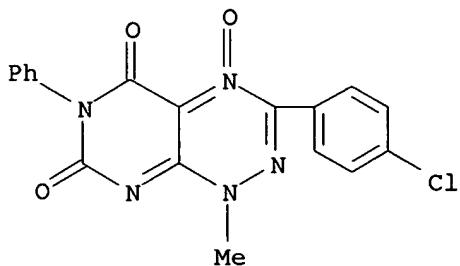
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-71-2 CAPLUS

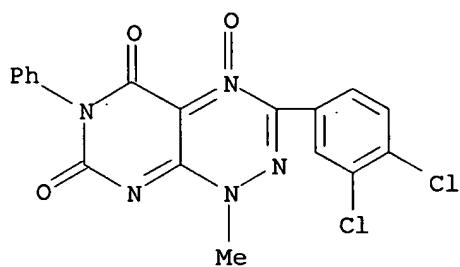
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



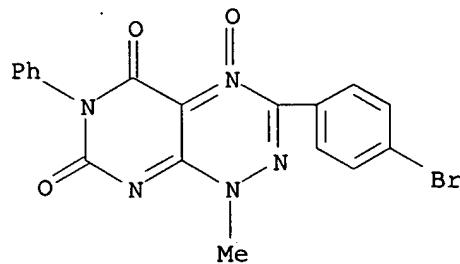
RN 148613-72-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-73-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:633685 CAPLUS

DN 117:233685

TI Purines, pyrimidines, and their condensed analogs. IX. On the synthesis of 1-R-pyrazolo[3,4-d]pyrimidine-4,6-diones

AU Smirnova, L. P.; Pozharskii, A. F.; Ivanova, I. A.; Chernyshev, A. I.

CS Rostov. Gos. Univ., Rostov, 344090, Russia

SO Khimiya Geterotsiklicheskikh Soedinenii (1992), (2), 219-24

CODEN: KGSSAQ; ISSN: 0132-6244

DT Journal

LA Russian

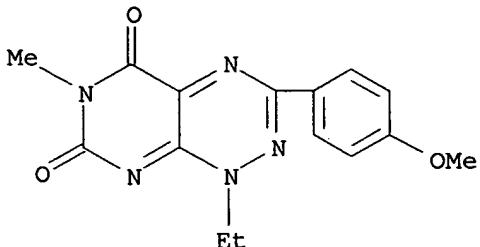
OS CASREACT 117:233685

IT 144294-65-5P 144294-66-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

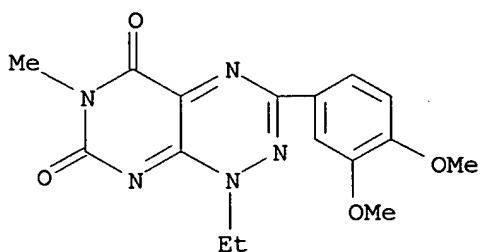
RN 144294-65-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 144294-66-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1978:507158 CAPLUS

DN 89:107158

TI Magnetic circular dichroism spectra of some 3-arylfervenulins and 3-aryltoxoflavins

AU Yamaguchi, H.; Kuwata, R.; Yoneda, F.

CS Fac. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of Heterocyclic Chemistry (1978), 15(4), 615-18

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

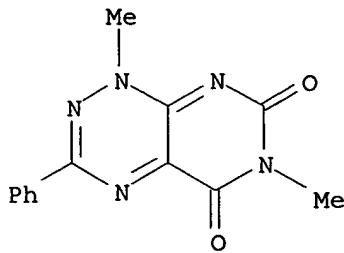
IT 32502-63-9 42285-61-0 52348-60-4

RL: PRP (Properties)

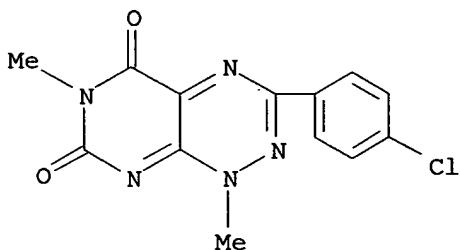
(magnetic CD of)

RN 32502-63-9 CAPLUS

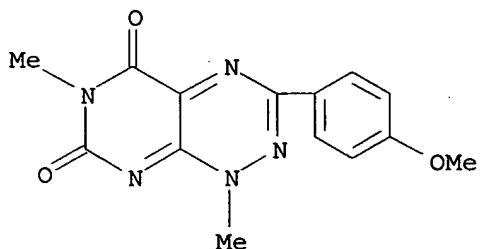
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



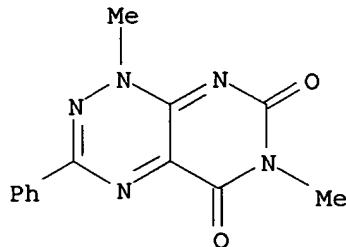
L4 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1977:139991 CAPLUS  
 DN 86:139991  
 TI Syntheses of isoalloxazines, alloxazines, toxoflavines, and fervenulins by oxidative cyclization of the Michael-type adducts from substituted 6-aminouracils and azo-compounds  
 AU Yoneda, Fumio; Sakuma, Yoshiharu; Nagamatsu, Tomohisa; Mizumoto, Shunjiro  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (22), 2398-402  
 CODEN: JCPRB4; ISSN: 0300-922X  
 DT Journal  
 LA English  
 IT 32502-63-9P 42285-61-0P 52199-05-0P  
 52199-06-1P 52348-60-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)

10/520,768

(preparation of)

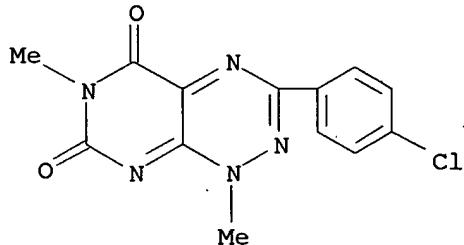
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



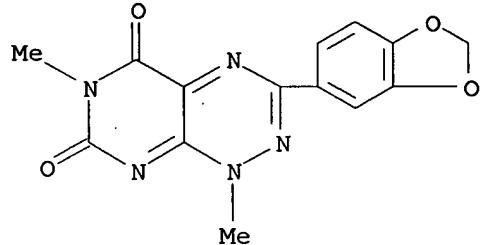
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-  
dimethyl- (9CI) (CA INDEX NAME)



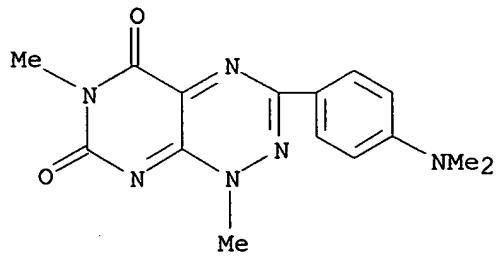
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



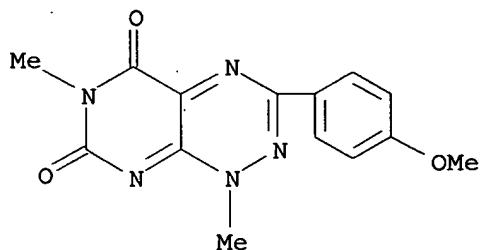
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-  
(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1977:43663 CAPLUS

DN 86:43663

TI 6-Azapurines (imidazo[4,5-e]-as-triazines)

AU Yoneda, Fumio; Nagamura, Tetsuya; Kawamura, Mitsuko

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of the Chemical Society, Chemical Communications (1976), (16), 658-9

CODEN: JCCCAT; ISSN: 0022-4936

DT Journal

LA English

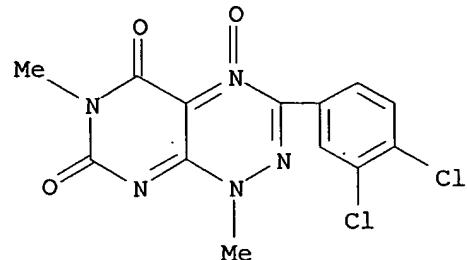
OS CASREACT 86:43663

IT 32496-16-5 57024-55-2 57562-64-8

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reductive ring contraction of)

RN 32496-16-5 CAPLUS

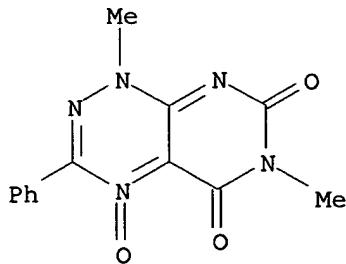
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57024-55-2 CAPLUS

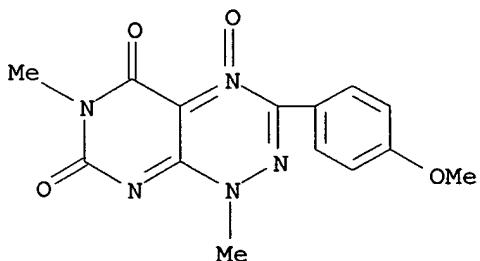
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:446583 CAPLUS

DN 85:46583

TI A novel conversion of 7-azapteridines to purines

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Heterocycles (1976), 4(4), 749-52

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

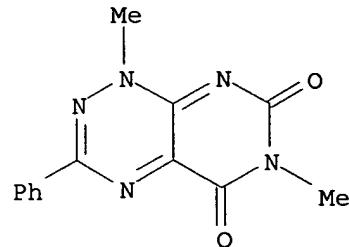
IT 32502-63-9 42285-61-0 42285-69-8

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with formamide, purine derivative from)

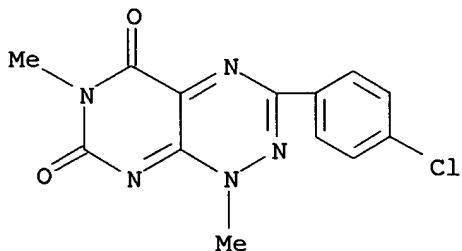
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



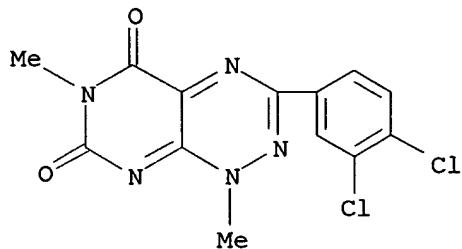
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:421301 CAPLUS

DN 85:21301

TI A new synthesis of pyrimido[4,5-e]-as-triazine 4-oxides by nitrosative cyclization of aldehyde uracil-6-ylhydrazones in the presence of diethyl azodiformate

AU Yoneda, Fumio; Nagamatsu, Tomohisa; Shinomura, Kazuko

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (7), 713-15  
CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

OS CASREACT 85:21301

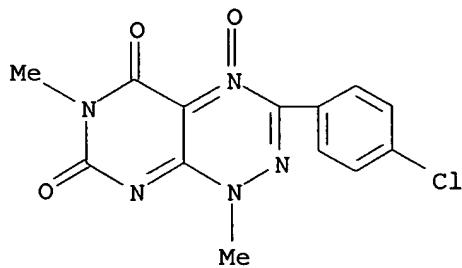
IT 32496-15-4P 32496-16-5P 57024-55-2P

57562-64-8P 60026-35-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

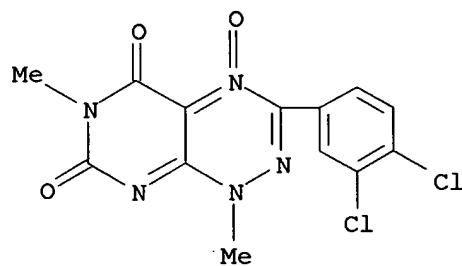
RN 32496-15-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



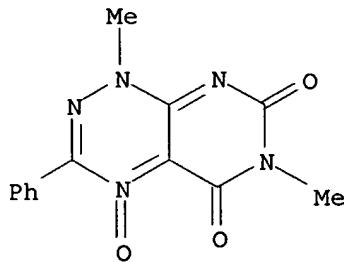
RN 32496-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



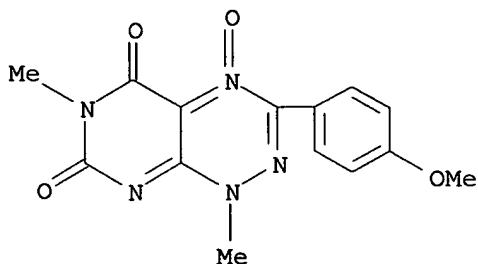
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



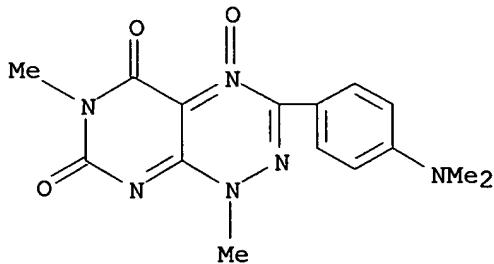
RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 60026-35-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:17293 CAPLUS

DN 84:17293

TI New syntheses of fervenulin (1,3-dimethyl-7-azalumazine) and analogs

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Bulletin of the Chemical Society of Japan (1975), 48(10), 2884-7  
CODEN: BCSJA8; ISSN: 0009-2673

DT Journal

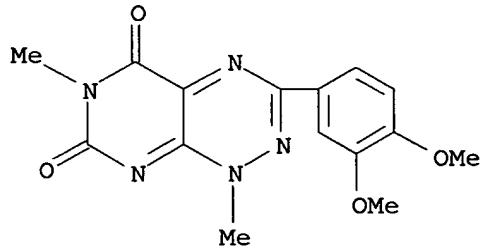
LA English

IT 32502-16-2 32502-63-9 42285-61-0

RL: RCT (Reactant); RACT (Reactant or reagent)  
(isomerization of, fervenulins from)

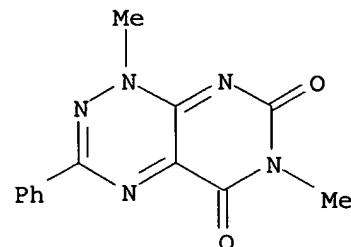
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



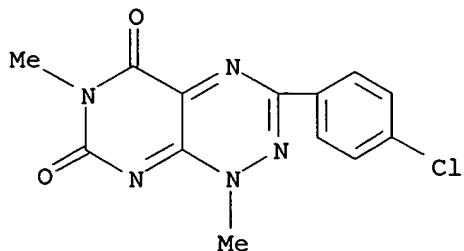
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:4913 CAPLUS

DN 84:4913

TI Convenient synthesis of toxoflavins, toxoflavin 4-oxides, and 1-demethyltoxoflavins

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Chemical & Pharmaceutical Bulletin (1975), 23(9), 2001-9  
CODEN: CPBTAL; ISSN: 0009-2363

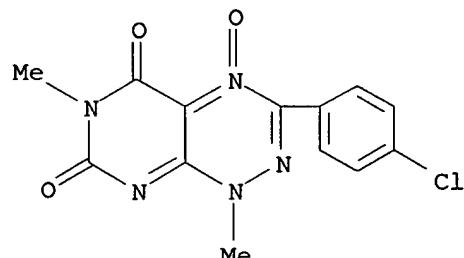
DT Journal

LA English

IT 32496-15-4P 32496-16-5P 32502-16-2P  
32502-63-9P 42285-61-0P 42285-69-8P  
52199-05-0P 52199-06-1P 52348-60-4P  
57024-55-2P 57562-64-8P 57562-65-9P  
57562-66-0PRL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and demethylation of, by nucleophiles)

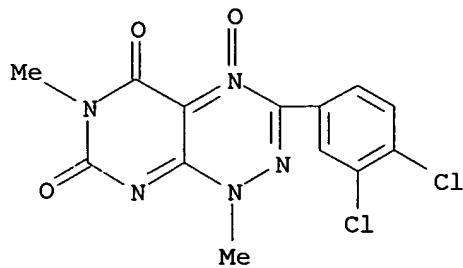
RN 32496-15-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



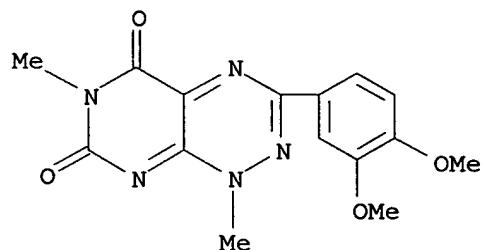
RN 32496-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



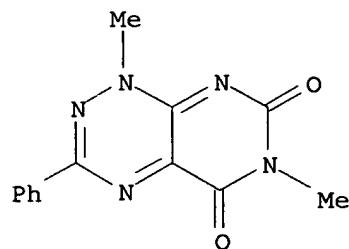
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



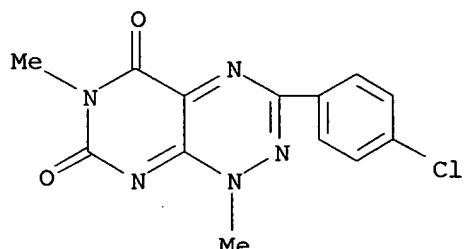
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

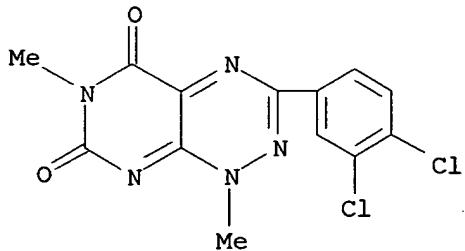
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-69-8 CAPLUS

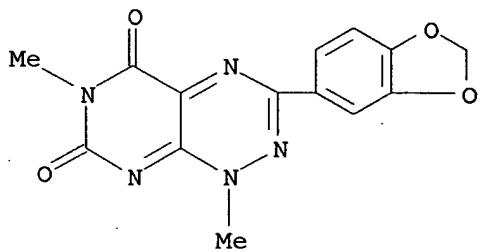
10/520,768

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



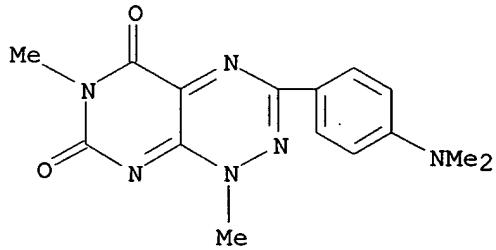
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



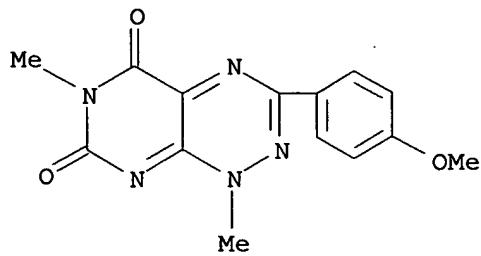
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



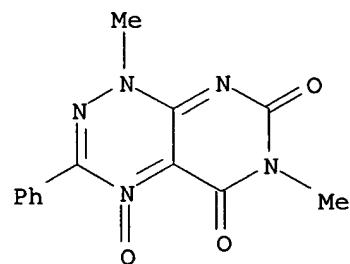
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



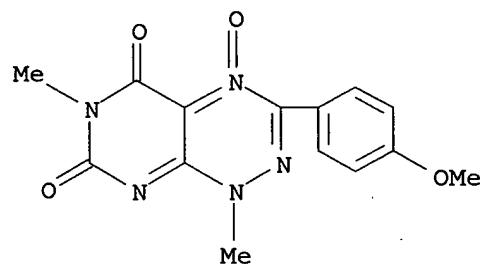
RN 57024-55-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



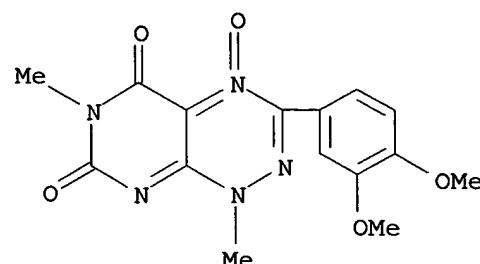
RN 57562-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



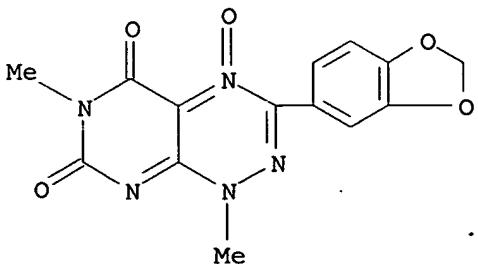
RN 57562-65-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

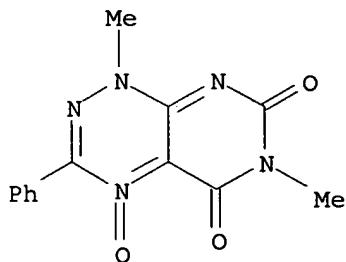


RN 57562-66-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:578988 CAPLUS  
 DN 83:178988  
 TI Cyclization reactions of some 5-nitro- and 5-nitroso-6-benzylidenehydrazinouracils  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Chemical & Pharmaceutical Bulletin (1975), 23(8), 1885-8  
 CODEN: CPBTAL; ISSN: 0009-2363  
 DT Journal  
 LA English  
 OS CASREACT 83:178988  
 IT 57024-55-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 57024-55-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

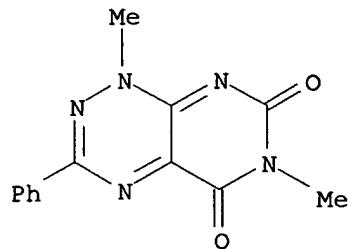


L4 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:443279 CAPLUS  
 DN 83:43279  
 TI New synthetic method of toxoflavin derivatives  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Synthesis (1975), (3), 177-9  
 CODEN: SYNTBF; ISSN: 0039-7881  
 DT Journal  
 LA English  
 IT 32502-63-9P 42285-61-0P 52199-05-0P  
 52199-06-1P 52348-60-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)  
(preparation and ring closure of)

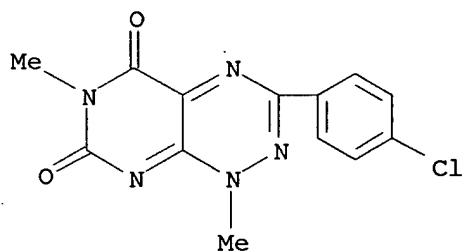
RN 32502-63-9 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)



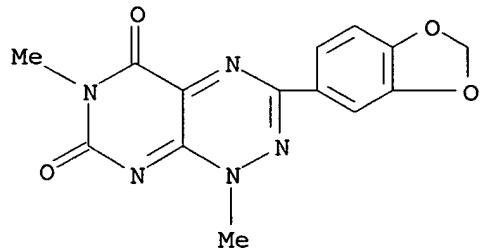
RN 42285-61-0 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-  
(9CI) (CA INDEX NAME)



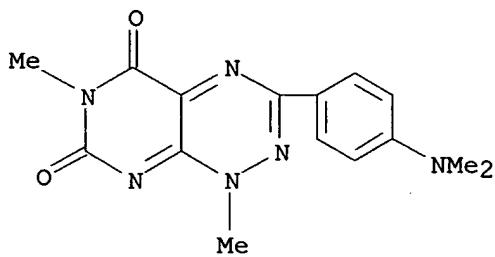
RN 52199-05-0 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-  
1,6-dimethyl- (9CI) (CA INDEX NAME)



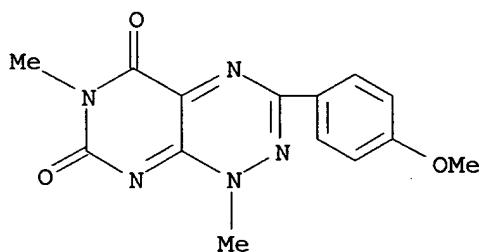
RN 52199-06-1 CAPPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-  
(9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:491479 CAPLUS

DN 81:91479

TI New method for the transformation of toxoflavines to fervenulins

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of Heterocyclic Chemistry (1974), 11(2), 271-3

CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

IT 32502-16-2 32502-63-9 42285-61-0

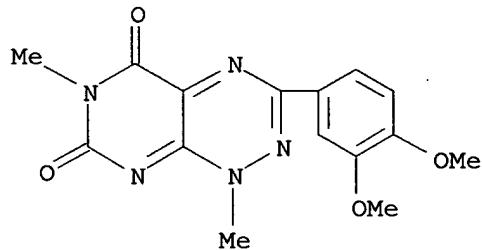
52199-05-0 52199-06-1 52348-60-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction with dimethylformamide acetal, in fervenulin preparation)

RN 32502-16-2 CAPLUS

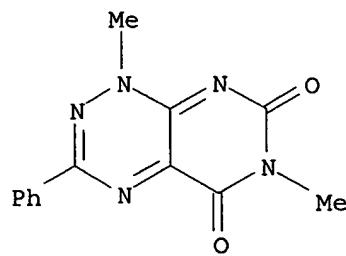
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

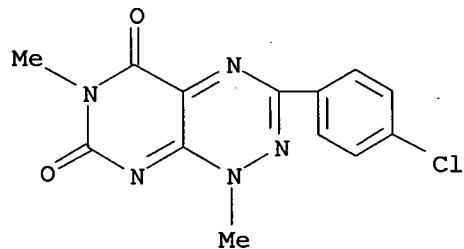
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-

(9CI) (CA INDEX NAME)



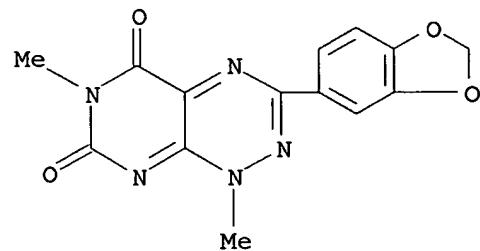
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



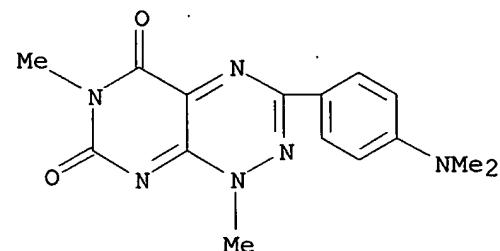
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

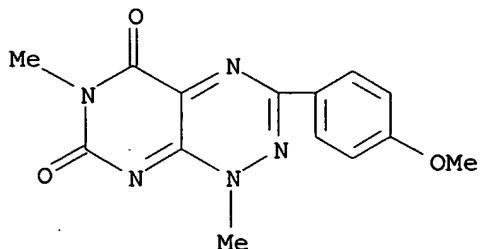


RN 52199-06-1 CAPLUS

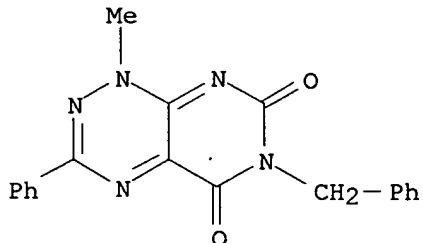
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



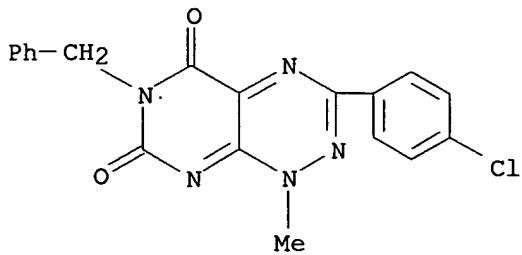
RN 52348-60-4 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1974:120872 CAPLUS  
 DN 80:120872  
 TI Synthesis and properties of 6-benzyl analogs of toxoflavin  
 AU Yoneda, Fumio; Nagamatsu, Tomohisa; Ichiba, Misuzu  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Journal of Heterocyclic Chemistry (1974), 11(1), 83-5  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 IT 52197-57-6P 52197-58-7P 52197-59-8P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 52197-57-6 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)

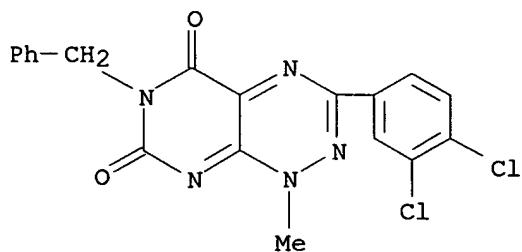


RN 52197-58-7 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 52197-59-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1973:514770 CAPLUS

DN 79:114770

TI Transmethylation from toxoflavines to nucleophiles

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Journal of the American Chemical Society (1973), 95(17), 5735-7  
CODEN: JACSAT; ISSN: 0002-7863

DT Journal

LA English

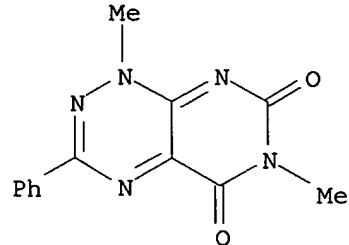
OS CASREACT 79:114770

IT 49700-74-5

RL: PRP (Properties)  
(ESR of)

RN 49700-74-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, radical ion(1-) (9CI) (CA INDEX NAME)



IT 49700-78-9P

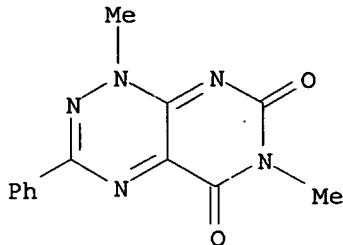
RL: SPN (Synthetic preparation); PREP (Preparation)

10/520,768

(preparation of)  
RN 49700-78-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,  
compd. with 1-methyl-1H-indole (1:1) (9CI) (CA INDEX NAME)

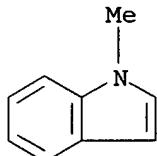
CM 1

CRN 32502-63-9  
CMF C13 H11 N5 O2

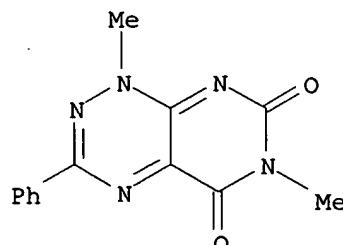


CM 2

CRN 603-76-9  
CMF C9 H9 N

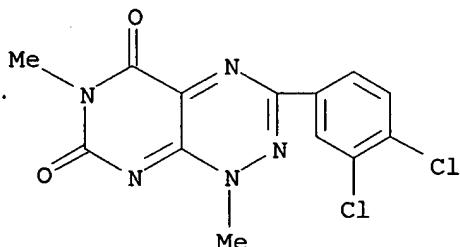


IT 32502-63-9  
RL: PRP (Properties)  
(transmethylation reaction of, with nucleophiles)  
RN 32502-63-9 CAPLUS  
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
(9CI) (CA INDEX NAME)

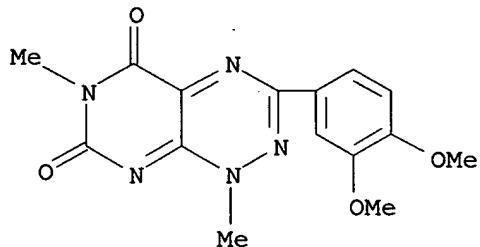


L4 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1973:466325 CAPLUS  
DN 79:66325  
TI Transformation of toxoflavines into fervenulins via 1-demethyltoxoflavines

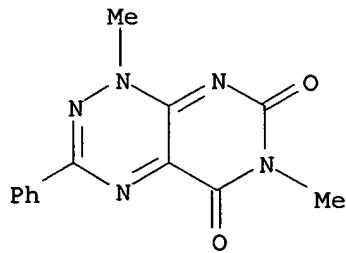
AU Yoneda, Fumio; Nagamatsu, Tomohisa  
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan  
 SO Tetrahedron Letters (1973), (17), 1577-80  
 CODEN: TELEAY; ISSN: 0040-4039  
 DT Journal  
 LA English  
 IT **42285-69-8**  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (demethylation of)  
 RN 42285-69-8 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-  
 1,6-dimethyl- (9CI) (CA INDEX NAME)



IT **32502-16-2P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 32502-16-2 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-  
 1,6-dimethyl- (9CI) (CA INDEX NAME)

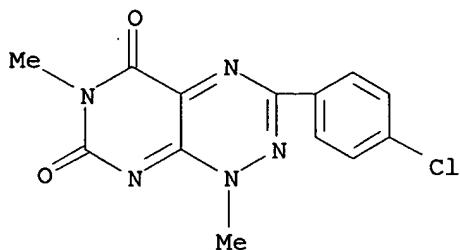


IT **32502-63-9 42285-61-0**  
 RL: PROC (Process)  
 (transformation of, into fervenulins)  
 RN 32502-63-9 CAPLUS  
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-  
 (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1971:405866 CAPLUS

DN 75:5866

TI Convenient synthesis of toxoflavines and toxoflavine N-oxides

AU Yoneda, Fumio; Shinomura, Kazuko; Nishigaki, Sadao

CS Sch. Med., Keio Univ., Tokyo, Japan

SO Tetrahedron Letters (1971), (13), 851-4  
CODEN: TELEAY; ISSN: 0040-4039

DT Journal

LA English

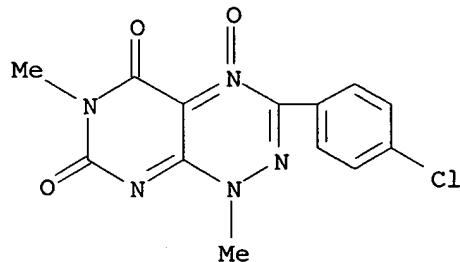
IT 32496-15-4P 32496-16-5P 32502-16-2P

32502-63-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 32496-15-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

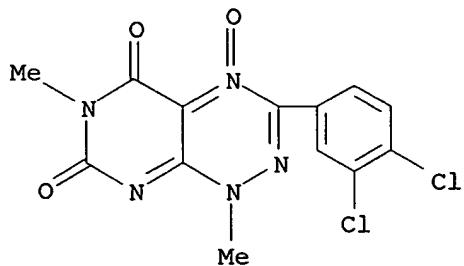


RN 32496-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-

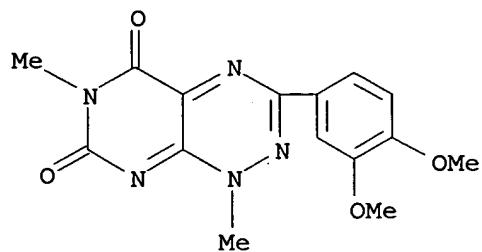
10/520,768

1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



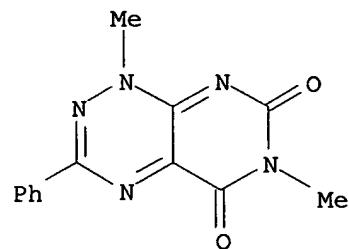
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

75.03

236.57

STN INTERNATIONAL LOGOFF AT 16:01:15 ON 23 AUG 2005